

Sample 2+2 Year Education Plan - AST in Agriculture Plant Science



and BS in Agricultural Plant and Soil Science



1st Semester Fall

2nd Semester

3rd Semester

4th Semester

| CLASSES | | CLASSES | | CLASSES | | CLASSES | |
|------------------------------------------------|-----------|---------------------------------------------|-----------|------------------------------------------|-----------|------------------------------------------|-----------|
| ⇒ ABT 90: Soil Science | (3) | ⇒ ABT 92: Plant Science | (3) | ⇒ ABT 53: Agribusiness Economics | (3) | ⇒ SPA 2: Elementary Spanish | (5) |
| ⇒ MFGT 71: Agricultural & Industrial Equipment | (3) | ⇒ ENG 2: Critical Thinking & Writing | (3) | ⇒ CHM 22: Introduction to Chemistry | (4) | ⇒ POL 1: American Political Institutions | (3) |
| ⇒ ENG 1A: College Composition & Reading | (3) | ⇒ HIS 17A: United States History A | (3) | ⇒ COM 1: Introduction to Public Speaking | (3) | ⇒ PHO 1: Introduction to Photography | (3) |
| ⇒ COU 1: Student Success Seminar | (3) | ⇒ ECO 1: Principles of Macroeconomics | (3) | ⇒ SPA 1: Elementary Spanish | (5) | ⇒ GEG 10: Geography & World Affairs | (3) |
| ⇒ MAT 13: Elementary Statistics | (5) | ⇒ ABT 99: Occupational Cooperative Work Exp | (2) | | | | |
| | 17 | | 14 | | 15 | | 14 |

TASKS

- ◆ Meet with Counselor at least once a semester to discuss academic progress/classes.
- ◆ Understand transfer and AS-T requirements, academic policies that can affect you
- ◆ Time management skills development—attend workshops that help you get a better grip of your time
- ◆ Work on your first resume and cover letter (assistance available in the Transfer & Career Center and Career Prep & Placement Services)
- ◆ Develop a personal statement to use for future scholarships
- ◆ Participate in a Job Shadow
- ◆ Attend Networking Events

TASKS

- ◆ Apply for FAFSA/CA Dream Act during the priority filing period: Jan 1 - March 2
- ◆ Apply for ABTI Scholarship
- ◆ Participate in Career Prep Workshops - Interviewing Prep, Dress for Success, Networking 101
- ◆ Participate in 21st Century Skills Workshop
- ◆ Seek out opportunities for micro-internships
- ◆ Apply for a Summer Internship
- ◆ Attend networking events & follow-up with networking contacts

TASKS

- ◆ Apply for CSU transfer on Cal State Apply between Oct 1-Nov. 30
- ◆ Meet with your Counselor and petition for spring graduation
- ◆ Participate in Career Prep Workshops - Creating a LinkedIn profile, Elevator Speech, Networking 102
- ◆ Participate in 21st Century Skills Workshop
- ◆ Participate in an additional micro-internships
- ◆ Attend networking events & follow-up with networking contacts

TASKS

- ◆ Apply for FAFSA/CA Dream Act during the priority filing period: Jan 1 - March 2
- ◆ Work on another draft of your resume and cover letter!
- ◆ Apply to for a Summer Internship
- ◆ Turn in official transcripts to transfer universities by the university deadline
- ◆ Confirm your attendance to the university by paying the enrollment confirmation fee by deadline
- ◆ Attend your university Admit Day event to learn about your academic program and campus resources
- ◆ Congrats! You graduated! Make sure you send your final transcripts with grades to your university by the final transcript deadline

1st Semester Fall

2nd Semester

3rd Semester

4th Semester

| CLASSES | | CLASSES | | CLASSES | | CLASSES | |
|-----------------------------------------------|-----------|-----------------------------------------------|-----------|-----------------------------------------------------------------------------|-----------|------------------------------------------------|-----------|
| ⇒ BIO 332: Plant Physiology | (3) | ⇒ BIO 322: Plant Pathology | (4) | ⇒ AGPS 350: Research Methods in Crop & Soil Science | (3) | ⇒ AGPS 4710: IPM | (3) |
| ⇒ AGPS 371: Weed Science & Technology | (3) | ⇒ STAT 325: Experimental Design & Analysis | (4) | ⇒ AGPS 389S: Service Learning in Agriculture | (3) | ⇒ AGPS 490: Projects in Crop Mgmt | (3) |
| ⇒ AGPS 302: Careers in Agriculture | (1) | ⇒ STAT 210 or elective | (1) | ⇒ AGPS 372: Agricultural Entomology | (3) | ⇒ AGPS 415: Adv Irrig & Nutrient Mgmt | (3) |
| ⇒ BIO 306: Biotechnology for Agriculture | (3) | ⇒ AGPS 390: Crop Management | (3) | ⇒ AGPS 394: Internship or 397 Independent Rsch | (1) | ⇒ AGPS 394: Internship or 397 Independent Rsch | (1) |
| ⇒ BIO 306L: Biotechnology for Agriculture Lab | (1) | ⇒ AGPS 301: Technical Writing for Agriculture | (2) | ⇒ AGPS 315: Soil Resource Mgmt or BUS 434 Policy/Reg in Environment Agribus | (4) | ⇒ UD Social Science (with ES if needed) | (3) |
| ⇒ UDC (with WCL if needed) | (3) | ⇒ Free elective | (1) | ⇒ Free elective | (1) | ⇒ Elective if needed to get to 120 units | (3) |
| | 14 | | 15 | | 15 | | 16 |



Mission Statement

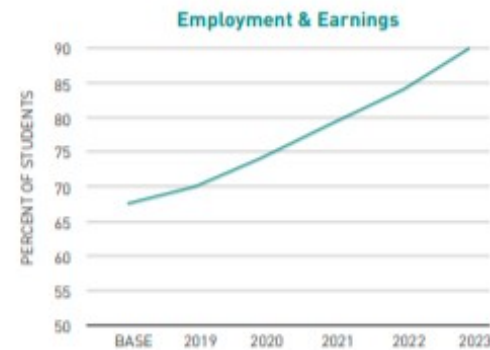
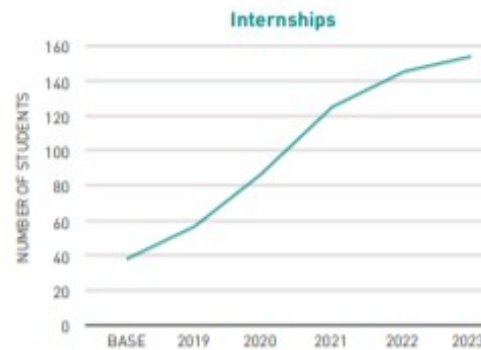
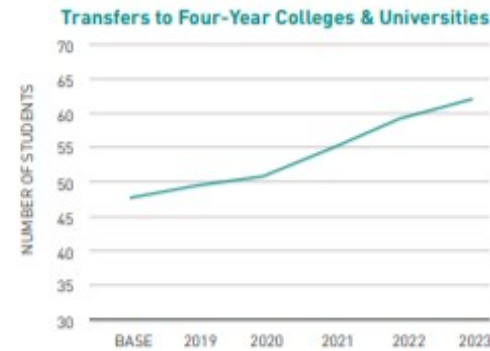
The Agricultural Business and Technology Institute at Hartnell College provides collaborative, innovative and practical career educational experiences to prepare skilled professionals for the dynamic, global agriculture industry.



SUMMARY OF THE STRATEGIC PLAN 2018 - 2023

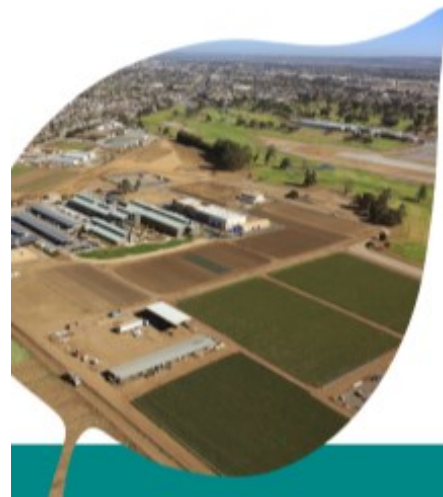
Objectives/Key Performance Indicators (KPIs)

The strategic objectives of ABTI are to meet the following key performance indicators (KPIs) over the next five years:



Strategic Categories

1. **STRENGTHENING** the agricultural industry and ABTI relationship to meet industry and student needs — *Why we teach*
2. **EXPANDING** student enrollment — *Who we teach*
3. **ENHANCING** program offerings — *What we teach*
4. **INTEGRATING** practical experiences with conceptual learning — *How we teach*
5. **FACILITATING** access to current curricula — *Where we teach*
6. **BUILDING** educational alliances — *With whom we teach*



STRATEGY 1:
Revitalize the advisory committees

Strategic Category: **STRENGTHENING** the agricultural industry and ABTI relationship to meet industry and student needs — *Why we teach*



STRATEGY 2:
Strengthen communications with the Ag Steering Committee

Strategic Category: **STRENGTHENING** the agricultural industry and ABTI relationship to meet industry and student needs — *Why we teach*



STRATEGY 3:
Develop more structured student internships with local ag companies

Strategic Category: **INTEGRATING** practical experiences with conceptual learning — *How we teach*



STRATEGY 4:
Increase outreach to area high schools

Strategic Category: **EXPANDING** student enrollment — *Who we teach*



STRATEGY 5:
Enhance the diesel program to include off-road equipment such as farm tractors, harvesters and irrigation pumps

Strategic Category: **ENHANCING** program offerings — *What we teach*



STRATEGY 6:
Enhance and develop specialized technical certifications, ongoing professional workshops and continuing education

Strategic Category: **ENHANCING** program offerings — *What we teach*



STRATEGY 7:
Integrate the Innovation Farm into the teaching methodologies of ABTI

Strategic Category: **INTEGRATING** practical experiences with conceptual learning — *How we teach*



STRATEGY 8:
Add academic programs to meet current industry needs

Strategic Category: **ENHANCING** program offerings — *What we teach*



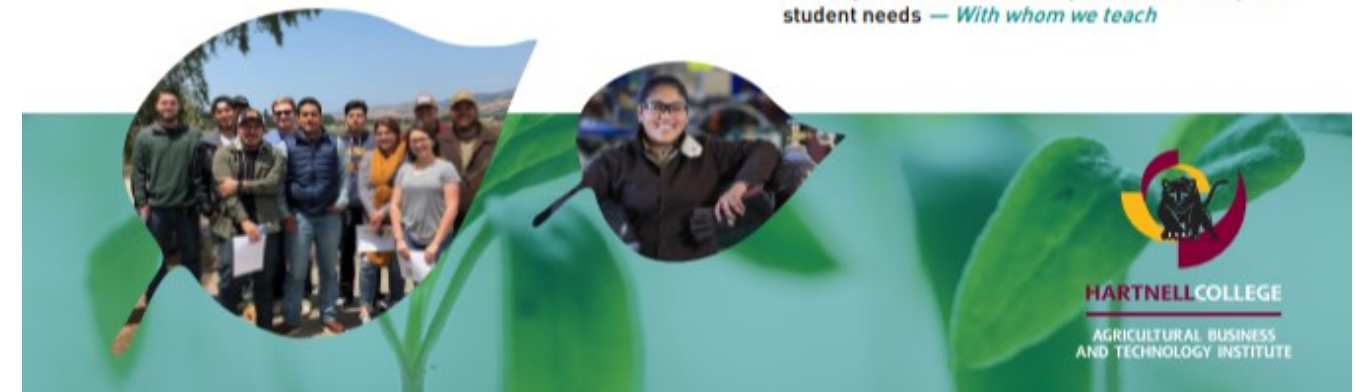
STRATEGY 9:
Make selected courses and training modules available online

Strategic Category: **FACILITATING** access to current curricula — *Where we teach*



STRATEGY 10:
Form a strategic alliance with CSU Monterey Bay to develop a joint BS degree in Agribusiness with an emphasis in agricultural automation and technology

Strategic Category: **STRENGTHENING** the agricultural industry and ABTI relationship to meet industry and student needs — *With whom we teach*



National Science Foundation

Award Number: 1601742