Sample 2+2 Year Education Plan - AST in Agriculture Plant Science and BS in Agricultural Plant and Soil Science

1st Semester Fall

**CLASSES**
- ABT 90: Soil Science (3)
- MFGT 71: Agricultural & Industrial Equipment (3)
- ENG 1A: College Composition & Reading (3)
- COU 1: Student Success Seminar (3)
- MAT 13: Elementary Statistics (5)

**TASKS**
- Attend Networking Events
- Participate in a Job Shadow
- Develop a personal statement to use for future scholarships
- Attend workshops and networking events
- Create a LinkedIn profile, Elevator Speech, Networking 101
- Attend networking events & follow up with networking contacts
- 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

2nd Semester

**CLASSES**
- ABT 92: Plant Science (3)
- ENG 2: Critical Thinking & Writing (3)
- HIS 17A: United States History A (3)
- ECO 1: Principles of Macroeconomics (3)
- ABT 99: Occupational Cooperative Work Exp (2)

**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
- 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

3rd Semester

**CLASSES**
- ABT 53: Agribusiness Economics (3)
- CHM 22: Introduction to Chemistry (3)
- COM 1: Introduction to Public Speaking (3)
- SPA 1: Elementary Spanish (5)

**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
- 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

4th Semester

**CLASSES**
- SPA 2: Elementary Spanish (5)
- POL 1: American Political Institutions (3)
- PHO 1: Introduction to Photography (3)
- GEG 10: Geography & World Affairs (3)

**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

**CLASSES**
- BIO 332: Plant Physiology (3)
- AGPS 371: Weed Science & Technology (3)
- AGPS 302: Careers in Agriculture (1)
- BIO 306: Biotechnology for Agriculture (3)
- BIO 306L: Biotechnology for Agriculture Lab (1)
- UDC (with WCL if needed) (3)

**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
- 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

2nd Semester

**CLASSES**
- BIO 322: Plant Pathology (4)
- STAT 325: Experimental Design & Analysis (4)
- STAT 210 or elective (1)
- AGPS 390: Crop Management (3)
- AGPS 301: Technical Writing for Agriculture (2)
- Free elective (1)

**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
- 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

3rd Semester

**CLASSES**
- AGPS 350: Research Methods in Crop & Soil Science (3)
- AGPS 389S: Service Learning in Agriculture (3)
- AGPS 372: Agricultural Entomology (3)
- AGPS 394: Internship or 397 Independent Rsch (3)
- AGPS 350: Research Methods in Crop & Soil Science (3)
- AGPS 389S: Service Learning in Agriculture (3)
- AGPS 372: Agricultural Entomology (3)
- AGPS 394: Internship or 397 Independent Rsch (3)

**TASKS**
- Apply for FAFSA/CA Dream Act during the priority filing period: Jan 1 - March 2
- 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

4th Semester

**CLASSES**
- UD Social Science (with ES if needed) (3)
- Elective if needed to get to 120 units (3)

**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
**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.

**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:** Integrate the Innovation Farm into the teaching methodologies of ABTI
  - **Strategic Category:** INTEGRATING practical experiences with conceptual learning — *How we teach*

- **Strategy 7:** Make selected courses and training modules available online
  - **Strategic Category:** FACILITATING access to current curricula — *Where we teach*

- **Strategy 8:** Form a strategic alliance with CSU Monterey Bay to develop a joint BS degree in Agriculture 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*

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**National Science Foundation**

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