Advanced Manufacturing Virtual Internship

WIN-TECH PRESENTS
ADVANCED MANUFACTURING VIRTUAL INTERNSHIP
DETAILS & SCHEDULE

Win-Tech is excited to partner with schools and students to host an internship this Summer 2022!

Space is limited, so at this time we are accepting applications based on referrals only. Application does not assume admittance. The application window is open through May 1, 2022. Applicants will be advised of their acceptance into the program no later than May 7, 2022.

Below are the internship details and schedule. Please review this document and then apply here.

This internship is offered unpaid. The internship is offered virtually.

Student requirements:

- Must have access to laptop or desktop, internet, and webcam. Classes will be held on Zoom.
- Must have taken basic engineering, drafting, or manufacturing class(es).
- Must be a rising high school junior or senior.

Student should expect to spend approximately 20 hours on this internship.

- 16 hours will be live in "class."
- A minimum of 3 hours will be spent by the student outside of class time developing a project
- Up to an additional 20 hours are optional, using material to allow the student to learn more information outside of class and projects.

Students will be expected to attend all live sessions in order to earn the minimum 16 hours credit. Please note that the host and speakers are donating resources and hours for this opportunity. We will support you getting out of this internship what you put in!

Students are expected to log-in to Zoom on time to begin class promptly at noon each day.

Classes will not be recorded.

Resources and additional information to support additional learning will be posted on a password-protected webpage.

There are virtual learning environment etiquette expectations – students will leave webcams "on" during class (unless there is a break) and on mute when not speaking. Students should be engaged during discussions.

DETAILS

Allison Giddens, President of Win-Tech, Inc., will be the point of contact for the student.

The first steps to the internship will be introductions and familiarizing the student with Win-Tech's core competencies and its business overall, as well as the aerospace industry standard and quality management systems within the manufacturing environment.

The classes will cover engineering, supply chain, business risk, cybersecurity initiatives, sustainability, marketing, finance, safety, and other themes within STEM and manufacturing careers.

We will wrap up the program hearing from students as they present on their chosen manufacturing-themed topic:

Create or improve an item or process that would make your life – or someone else's – better. Students will be expected to incorporate concepts learned from Days 1-8 of the AMVI program.

Throughout the program, we will host guest speakers who are leaders in their roles within manufacturing. We will notify students in advance so they can read about the speaker and prepare questions if they wish to ask them. These are opportunities to connect with speakers and professionals – not just for the class, but entering into the post-high school world, too!

Upon completion of the class and project, the student will, at a minimum, understand manufacturing concepts and themes, presented in a way to prompt fresh perspectives and explore career possibilities in the industry.

Student will be expected to put outside time into their projects by Week 3.

Students will be presenters on Zoom for their final presentation. Teachers and parents are welcome to attend these days. Upon request, Allison will send them the link. A recording of the presentation may be done at the student's request, but the request should be made via email before the presentation day.

Students are encouraged to connect with Allison Giddens on LinkedIn.

If the teacher, student or parent has any questions, Allison Giddens is best reached via email, any time of day: akrache@win-tech.net Please be patient, as Win-Tech workload can be heavy so you may receive email responses late at night.

SCHEDULE

Day 1 – Monday, June 6, 2022 – 12:00pm-1:00pm – Kickoff, Introductions & Presentation Discussion
Day 2 – Tuesday, June 7, 2022 – 12:00pm-1:00pm – Supply Chain
Day 3 – Wednesday, June 8, 2022 – 12:00pm-1:00pm – Education Road Map
Day 4 – Thursday, June 9, 2022 – 12:00pm-1:00pm – Design & Sustainability

Day 5 – Monday, June 13, 2022 – 12:00pm-1:00pm – Sales & Marketing
Day 6 – Tuesday, June 14, 2022 – 12:00pm-1:00pm – Manufacturing & Architecture
Day 7 – Wednesday, June 15, 2022– 12:00pm-1:00pm – Metallurgy
Day 8 – Thursday, June 16, 2022 – 12:00pm-1:00pm – Technology & Cybersecurity

Day 9 – Monday, June 20, 2022 – 12:00pm-1:00pm – Food Manufacturing
Day 10 – Tuesday, June 21, 2022 – 12:00pm-1:00pm – Automotive Manufacturing
Day 11 – Wednesday, June 22, 2022– 12:00pm-1:00pm – Aerospace Manufacturing
Day 12 – Thursday, June 23, 2022 – 12:00pm-1:00pm – Job Panel – Leadership in Manufacturing

Presentation dates are on Page 3:

Presentations:

Create or improve an item or process that would make your life – or someone else's – better.
Incorporate concepts learned from Days 1-8 of the AMVI program.

All students are expected to attend all days. A schedule will be shared on Day 1 so students know when to prepare to present.

Day 13 – Monday, June 27, 2022 – 12:00pm-1:30pm
Day 14 – Tuesday, June 28, 2022 – 12:00pm-1:30pm
Day 15 – Wednesday, June 29, 2022– 12:00pm-1:30pm
Day 16 – Thursday, June 30, 2022 – 12:00pm-1:30pm