

PROJECT-BASED LEARNING (PBL) AT ARLINGTON TECH



Launch

During the **LAUNCH** phase the student will...

Review the learning objectives (found in the rubric) and project requirements (found in the checklist).

Evaluate the driving question(s) and, from that, generate additional questions to guide inquiry and deepen learning.

Develop a "N2K" (needs-to-know) based on their individual pre-assessment data.

Ascertain the criteria and constraints from client during initial consultation.

During the **LEARN** phase, the student will...

Engage in instruction through workshops and teacher-designed activities.

Consult with subject-matter experts (SME) to deepen understanding of learning objectives.

Measure progress on their "N2Ks" through formative assessments.

Utilize research skills and personalized learning to acquire knowledge identified in their N2Ks.

Self-assess and plan for continued learning in the create phase.

During the **CREATE** phase, a team of students working collaboratively will...

Establish team roles and working agreements.

Brainstorm a wide variety of possible ways to meet client's criteria and constraints.

Engage in a peer critique of ideas/solutions emerging from the brainstorming process.

Develop a project plan and seek client's approval and/or recommendations for revision.

Complete the project deliverable and seek teacher's approval and/or recommendations for revision.

Demonstrate mastery of learning objectives through a summative assessment (test, essay, etc.).

Prepare for presentation and client delivery within the client's deadline.

Showcase and celebrate their deliverable and hard work.

During the **REFLECT** phase, the student will...

Complete an individual evaluation to assess self and peer contributions to the project.

Participate in a classroom debrief to brainstorm and communicate possible improvements for future projects.

Make a personal plan for development to mature as an autonomous learner and project manager.

