Proposed Programming Products Structure

Drive Train Code
Including teleop joystick reading

Autonomous Code

Overall Robot Project
Complete competition code

Game-Specific Code 1
Possibly used by autonomous

Driver Station Dashboard

Robot state information
Virtual buttons, etc.

Game-Specific Code 2
Used by teleop only
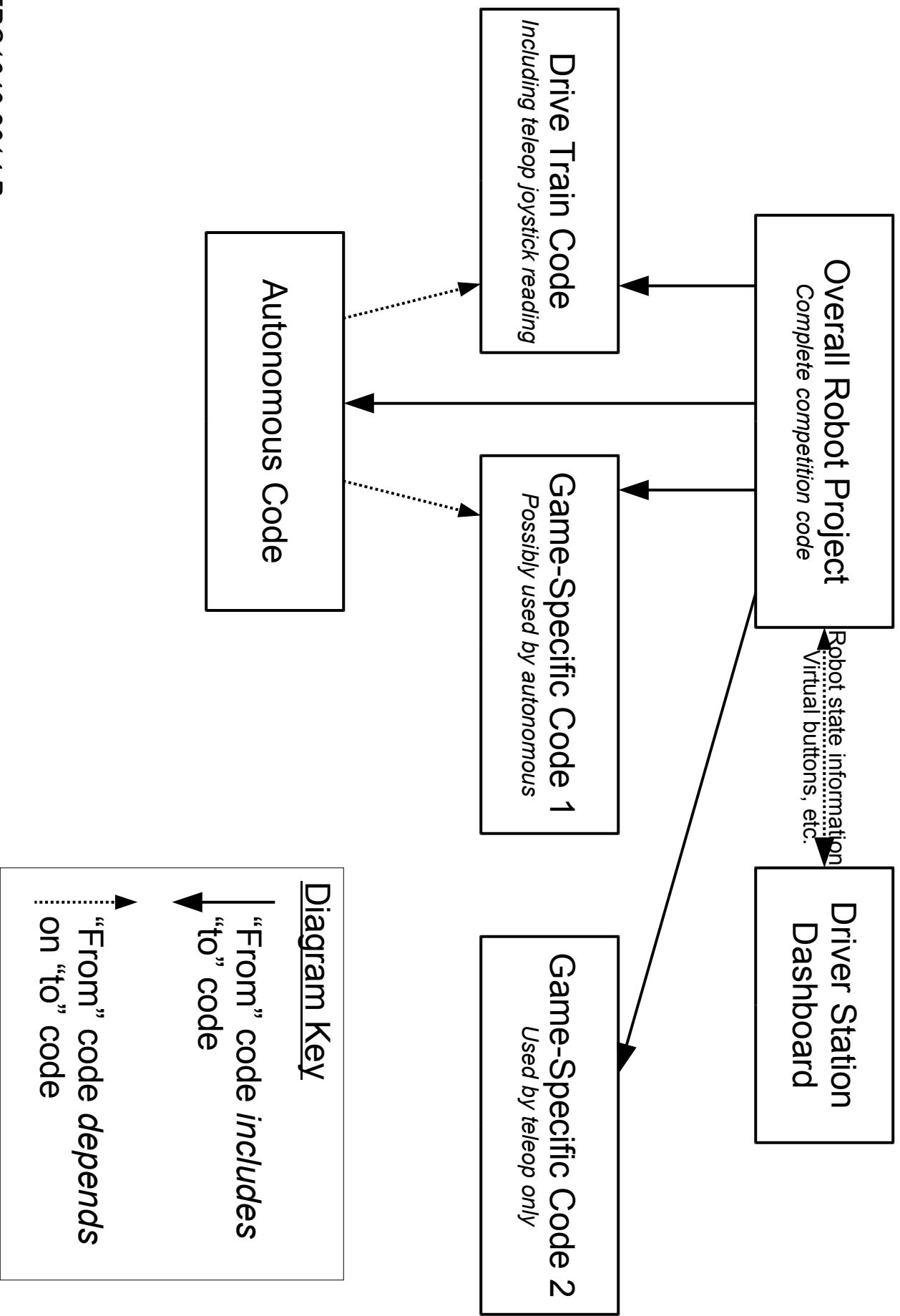
Diagram Key

"From" code *includes* "to" code

"From" code *depends* on "to" code

Integration Team

Oversees overall competition code
Integrates into main robot project
Coordinates with control team
Communicates requirements

Co-Leads:
Other team members:

Drive Train Team

Develops and tests drive train code

Co-Leads:
Other team members:

Game-Specific Code Team

Develops and tests game-specific code,
teleop-only as well as auto & teleop

Co-Leads:
Other team members:

Autonomous Code Team

Develops and tests autonomous code

Co-Leads:
Other team members:

Dashboard Team

Develops and tests dashboard code

Co-Leads:
Other team members:

Integration co-leads will seek advice and guidance from the control team mentors (Scott & Gary).

All programming team co-leads and members will seek guidance from the integration co-leads as well as the programming mentor (Julie).

Why co-leads?

So there is a better chance that a lead student will be available for each team during most of the meetings.