

Robotics Workshop Planning Session

9/15/2005 5:30 p.m. I&T Conference Rm, BSU

Present: Rick Johnson, Mike Koch, Mark Lohmar, Allen Lovett, Paul Errington, Cheryl LeBlanc

Workshop Dates & Topics

- 1.0 Kokomo Conference (10/29) - use as primary lesson source, fill in our own sessions afterwards
- 1.1 Carpool with students and parents to Kokomo - use private vehicles
- 1.2 On 9/24, determine which students/parents will attend which sessions
- 1.3 Drivers: Cheryl (7), _____, _____, _____
- 1.4 Cheryl to confirm attendance is open to all students/teams

- 2.0 Create a working project to demonstrate project planning, project objectives, budget, and group cohesion
- 2.1 Plan, design and build a cart for the robot as platform and useful final project
- 2.2 Mark to put together "Syllabus" and direct the project planning - present project objectives and specs
- 2.3 9/24 to describe project and break up into student groups; brainstorm -1 hr total
- 2.4 0:45 min on 10/8 for students to present plans, including parts list
- 2.5 Build cart on 11/19 and 12/3

- 3.0 Team Image - Cheryl
- 3.1 Present project to student groups on 9/24 - 0:15 min
- 3.2 Students attend Kokomo conference on 10/29
- 3.3 Student groups revisit their ideas, revise and present to the team on 11/19 - 0:45 min total
- 3.4 Vote

- 4.0 Teaching from Robot - Mike Koch and others
- 4.1 Present 2005 'game' objectives and brief description of parts available
- 4.2 Discuss robot 'strategy', general build plan and if objectives attained
- 4.3 Arm supposed to lift 8#; can't; why

- 5.0 Parent Roles - Cheryl
- 5.1 Transportation to Kokomo on 10/29
- 5.2 Availability for Kickoff (1/7) and campus shuttle (Jan - Feb)
- 5.3 Food, logistics, funding, sponsors, PR, etc - who to 'chair' which

- 6.0 Meeting locations for 10/24
- 6.1 Parents: Rm 215
- 6.2 Students/mentors Rm 214 initially, then break into 2-4 groups (can spill over into Rm 207)