<table>
<thead>
<tr>
<th>Team Name</th>
<th>ASCE Concrete Canoe</th>
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<tbody>
<tr>
<td>Goals</td>
<td>This course will prepare students to form a team and participate in the annual ASCE concrete canoe competitions. Students will have an opportunity to gain hands-on practical experience and leadership skills by constructing and racing concrete canoes.</td>
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| Research, Design or Technical Issues Involved or Addressed | The team will research:  
- Hydrodynamic and structural design of canoe hull  
- Innovation concrete materials  
- Robotic and digital fabrication technology |
| Sub-teams | Hull design  
Concrete mix development  
Graphic design  
Construction  
Paddling |
| Methods/Technology | Hydrodynamics  
Structural Analysis  
Reinforced concrete design  
Materials science |
| Majors and Areas of Interest | Civil Engineering  
Mechanical Engineering  
Chemical Engineering  
Electrical and Computer Engineering  
Media and graphic design |
| Partners | NYU Tandon School of Engineering  
NYU MakerSpace |
| Related Engineering Grand Challenges | Restore and improve urban infrastructure |
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