**Industry Advisory Board Survey**

For the MS students **Computer Science and Engineering**  Programs

*The faculty of the Department has established four educational objectives and five educational outcomes for students in the undergraduate* ***Computer Science*** *program:*

Program Objectives:

1. **Preparation for Practice**: Graduates will be prepared for entry-level positions in their discipline and for graduate/professional studies.
2. **Tools for Creativity**: Graduate will experience the creative and design processes and their application to typical engineering situations.
3. **Societal Awareness**: Graduates will receive the breadth of education necessary to integrate practice in their discipline with the interests of a diverse modern society.
4. **Leadership Skills**: Graduates will be prepared for leadership in their discipline.

In an effort to assess and improve our program, please provide your view as to:

1. the **importance** of the four **objectives** for preparation of computer science students for job performance in their early years of employment, and
2. the **satisfaction** by our computer science students of the objectives:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Importance** | | | | Degree of **Satisfaction** | | | |
| **Program**  **Objective** | High | Moderate | Low | Not sure | High | Moderate | Low | Not sure |
| 1. **Preparation for Practice** |  |  |  |  |  |  |  |  |
| 2. **Tools for Creativity** |  |  |  |  |  |  |  |  |
| 3. **Societal Awareness** |  |  |  |  |  |  |  |  |
| 4. **Leadership Skills** |  |  |  |  |  |  |  |  |

For comments on the objectives, please use the back side:

Program Outcomes:

1. Proficiency in the areas of software design and development, data structures, and operating systems
2. An ability to plan and execute a problem design to meet an identified need
3. Proficiency in mathematical and scientific principles relevant to computer science
4. An ability to communicate effectively
5. An understanding of the overall human context in which computing activities take place

In an effort to assess and improve our program, please provide your view as to:

1. the **importance** of the five **outcomes** for preparation of computer science students for job performance in their early years of employment, and
2. to the **satisfaction** by our computer science students of the outcomes:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Importance** | | | | Degree of **Satisfaction** | | | |
| **Program**  **Outcomes** | High | Moderate | Low | Not sure | High | Moderate | Low | Not sure |
| 1. Proficiency in software design and development |  |  |  |  |  |  |  |  |
| 2. An ability to plan and execute a problem design |  |  |  |  |  |  |  |  |
| 3. Proficiency in mathematical and scientific principles relevant to computer science |  |  |  |  |  |  |  |  |
| 4. An ability to communicate effectively |  |  |  |  |  |  |  |  |
| 5. An understanding of the overall human context of computing |  |  |  |  |  |  |  |  |

For comments on the outcomes, please use the back side: