

## SE 6367 Software Testing

### Homework #3 Total points: 100

Does criterion  $C_1$  subsume  $C_2$ ? That is, if a test set gives 100% coverage with respect to  $C_1$ , will it also give 100% coverage with respect to  $C_2$ ?

An answer (Yes or No) without any explanation receives zero points.

| $C_2 \backslash C_1$ | Block | Statement | Condition | Decision | Condition-Decision | Multiple-condition | c-use | p-use | All-use |
|----------------------|-------|-----------|-----------|----------|--------------------|--------------------|-------|-------|---------|
| Block                |       |           |           |          |                    |                    |       |       |         |
| Statement            |       |           |           |          |                    |                    |       |       |         |
| Condition            |       |           |           |          |                    |                    |       |       |         |
| Decision             |       |           |           |          |                    |                    |       |       |         |
| Condition-decision   |       |           |           |          |                    |                    |       |       |         |
| Multiple-condition   |       |           |           |          |                    |                    |       |       |         |
| c-use                |       |           |           |          |                    |                    |       |       |         |
| p-use                |       |           |           |          |                    |                    |       |       |         |
| All-use              |       |           |           |          |                    |                    |       |       |         |