

**Major Field Assessment
Industrial Technology Associate of Applied Science**

Goal 1: To provide students knowledge and skills in the field of Industrials Technology

Expected Outcomes:

Students completing the Associate of Applied Science Degree in IT will have skills and Knowledge in solving technical manufacturing system problems which will enable them to advance in industry.

IT courses at the 200 level that have assessment components measuring skills and knowledge in solving technical manufacturing system problems will be used to indicate that the students are proficient (min score of 75%) in these areas.

Goal 2: To prepare students to communicate with others in manufacturing industries

Expected outcomes:

Students completing the Associate of Applied Science Degree in IT will communicate effectively, in technical writing, orally and or graphically.

IT courses that have assessment components measuring effective written, oral and or graphic communications will be used to indicate that the students are proficient (min score of 75%) in these areas.

Goal 3: To prepare students to work effectively in groups

Expected Outcomes:

Students completing the Associate of Applied Science Degree will work effectively in groups.

IT courses at the 200 level that have assessment components measuring effective teamwork will be used to indicate that the students are proficient (min score of 75%) in these areas.

The results of the MFA plan for Spring 2009, Fall 2009, and Spring 2010 are presented tables below. The following table indicates the percentage of students who received a final grade of 75% or better. A grade of 75% or better indicates the student has adequate mastery of the desired skill or knowledge.

Major field Assessment Spring 2009									
Grade Distributions reflect the % of students with a min score of 75% measuring skills & knowledge in:	IT 215	IT 233	IT 242	IT 264	DDT 211	DDT 212	DDT 216	DDT 218	OSHE 111
Goal 1: Solving technical manufacturing system problems which will enable them to advance in industry.	100	95	98	70	100	100	100	100	90
Goal 2: Communicate effectively, in technical writing, orally and graphically.	100	95	98	70	100	100	100	100	95
Goal 3: Working effectively in groups	NA	95	98	95	100	100	100	NA	NA

Major field Assessment Fall 2009									
Grade Distributions reflect the % of students with a min score of 75% measuring skills & knowledge in:	IT 215	IT 233	IT 242	IT 264	DDT 211	DDT 212	DDT 216	DDT 218	OSHE 111
Goal 1: Solving technical manufacturing system problems which will enable them to advance in industry.	100	91	100	65	100	NA	100	100	92
Goal 2: Communicate effectively, in technical writing, orally and graphically.	100	91	100	75	100	NA	100	100	91
Goal 3: Working effectively in groups	NA	91	100	85	100	NA	100	NA	NA

Major field Assessment Spring 2010									
Grade Distributions reflect the % of students with a min score of 75% measuring skills & knowledge in:	IT 215	IT 233	IT 242	IT 264	DDT 211	DDT 212	DDT 216	DDT 218	OSHE 111
Goal 1: Solving technical manufacturing system problems which will enable them to advance in industry.	100	90	93	57	NA	92	NA	90	91
Goal 2: Communicate effectively, in technical writing, orally and graphically.	100	90	93	75	NA	92	NA	90	86
Goal 3: Working effectively in groups	NA	90	93	80	NA	92	NA	NA	NA