Capstone Course Core Competency Evaluation Form and Rubrics

Department of Applied Materials Science and Technology, Minghsin University of Science and Technology

# Capstone Course Core Competency Evaluation Form (Developmental Project)

Course: Capstone Project (Required)

Grade Level:

Project Title:

Student:

Score:

Average Score: \_\_\_ points

Instructor:

Core Competencies | Weight (%) | Score | Weighted Score  
------------------------------------------------------------  
1. Apply basic science and knowledge of chemical/material engineering | 15  
2. Design and conduct experiments, analyze and interpret data | 20  
3. Apply fundamental technical skills in chemical/material practice | 20  
4. Design professional processes | 15  
5. Communicate, coordinate, and collaborate as a team | 10  
6. Identify, analyze, and solve problems | 10  
7. Broaden vision and cultivate lifelong learning | 5  
8. Understand professional ethics and social responsibility | 5

Instructor's Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Capstone Course Core Competency Evaluation Form (Applied Project)

Course: Capstone Project (Required)

Grade Level:

Project Title:

Student:

Score:

Average Score: \_\_\_ points

Instructor:

Core Competencies | Weight (%) | Score | Weighted Score  
------------------------------------------------------------  
1. Apply basic science and knowledge of chemical/material engineering | 25  
2. Design and conduct experiments, analyze and interpret data | 10  
3. Apply fundamental technical skills in chemical/material practice | 20  
4. Design professional processes | 15  
5. Communicate, coordinate, and collaborate as a team | 10  
6. Identify, analyze, and solve problems | 10  
7. Broaden vision and cultivate lifelong learning | 5  
8. Understand professional ethics and social responsibility | 5

Instructor's Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_