

Rubrics Evaluation Grades

Model Code: MUP9

Faculty: Az Zulfi College of Education

Department: Chemistry

Program: Chemistry

Learning Outcome: Equipping students with a sound and comprehensive knowledge in the field of chemistry.

	Rubrics Evaluation Grades		
	Weak	Average	Good
Covering the major principles and theories in the field of chemistry.	Weak mastery of the major principles and theories in the field of chemistry	Incomplete mastery of the major principles and theories in the field of chemistry	Good mastery the major principles and theories in the field of chemistry
Developing communication skills within group.	Always relies on others.	Rarely accomplishes her assignments	Accomplishes her assignments on time
Conduct high quality research in the field of chemistry	Student disrespects scientific methods when conducting research.	Follows some scientific methods when conducting research.	Produces good quality research based on scientific methods.

Learning Outcome: Covering the major principles and theories in the field of chemistry.

	Rubrics Evaluation Grades		
	Weak	Average	Good
Covering the major principles and theories in the field of chemistry.	Weak mastery of the major principles and theories in the field of chemistry	Incomplete mastery of the major principles and theories in the field of chemistry	Good mastery the major principles and theories in the field of chemistry
Developing communication skills within group.	Always relies on others.	Rarely accomplishes her assignments	Accomplishes her assignments on time
Conduct high quality research in the field of chemistry	Student disrespects scientific methods when conducting research.	Follows some scientific methods when conducting research.	Produces good quality research based on scientific methods.
Mastering the Scientific facts in the field of chemistry	Weak mastery of scientific facts.	Incomplete mastery of scientific facts.	Good mastery of scientific facts.

Learning Outcome: Introducing students to the prominent teaching methods and approaches in relation to chemistry..

	Rubrics Evaluation Grades		
	Weak	Average	Good
Mastery of the prominent teaching methods and approaches in relation to chemistry..	Weak mastery of the major principles and theories in the field of chemistry	Incomplete mastery of the major principles and theories in the field of chemistry	Good mastery of the major principles and theories in the field of chemistry..
Conducting good research in Educational sciences	Student disrespects scientific methods when conducting research..	Follows some scientific methods when conducting research.	Produces good quality research based on scientific methods.
Apply the latest theories in field training	No application of the latest theories in field training.	Satisfactory application of the latest theories in field training.	Good application of the latest theories in field training.

Learning Outcome: Make students discover the scientific facts and theories in the field of chemistry

	Rubrics Evaluation Grades		
	Weak	Average	Good
Ability to solve problems	Student follow no steps in problem solving.	Student follow some steps in problem solving.	Student follow all the steps in problem solving.
Give well-structured oral presentations.	Give bad presentations	Give average presentations	Give good presentations.
Applying research methods to solve classroom problems.	Weak research skills	Satisfactory research skills	Good research skills

Learning Outcome: Explaining, analyzing and criticizing results

	Rubrics Evaluation Grades		
	Weak	Average	Good
Ability to analyze lab results	Weak analysis of lab results	Satisfactory analysis of lab results.	Good analysis of lab results.
Ability to solve problems	Give bad presentations	Give average presentations	Give good presentations.
Ability to read graphs.	Unable to read graphs	Some ability to read graphs	Good at reading graphs.

Learning Outcome: Practicing analytical and creative thinking in problem-solving according to mathematical and chemistry theories

	Rubrics Evaluation Grades		
	Weak	Average	Good
Practice innovative skills in solving problems and issues related to chemistry.	Solving problems and phenomena in an appropriate way.	Solving problems and phenomena in an conventional methods.	Solving problems and phenomena in an innovative way.
Discovering and analyzing chemistry-related facts	Discovering and analyzing facts in a wrong way	Discovering and analyzing facts in a conventional way	Discovering and analyzing facts in an excellent way.
Applying the latest theories in the process of scientific evaluation.	No application of the latest theories.	Application of the latest theories in a conventional way	Application of the latest theories in an excellent way.

Learning Outcome: Applying the acquired academic skills to professional and academic contexts.

	Rubrics Evaluation Grades		
	Weak	Average	Good
Applying the acquired academic skills to professional and academic contexts.	Weak professional skills	Average professional skills.	Good professional skills.
Applying the acquired academic when teaching chemistry.	Bad implementation of the skills	Satisfactory implementation of the skills	Good implementation of the skills
Making research to link the acquired skills and theories in the teaching of chemistry..	Bad research projects	Average research projects	Outstanding research projects.

Learning Outcome: Ability to assume a leading role and to suggest solutions to current issues.

	Rubrics Evaluation Grades		
	Weak	Average	Good
Working in group to plan and deliver assigned tasks.	No planning	Planning and delivering projects with no respect to the spirit of the group.	Good planning within the group.
Preparing introductory presentations and delivering them individually or in groups	No Research Projects	Ordinary Research Projects	Outstanding Research Projects
Preparing individual or collective research projects for students..	Bad research projects	Average research projects	Outstanding research projects.

Learning Outcome: Taking the initiative to identify urgent problems and solve them.

	Rubrics Evaluation Grades		
	Weak	Average	Good
Participating in conferences and study days in the faculty.	No participation in conferences and study days in the faculty	Attending in conferences and study days in the faculty	Participating in conferences and study days in the faculty.
Participating in Extra-curricular activities.	weak Participation in Extra-curricular activities.	Ordinary Participation in Extra-curricular activities.	Good Participation in Extra-curricular activities.

Learning Outcome: Students should be responsible for their self-development and their academic performance.

	Rubrics Evaluation Grades		
	Weak	Average	Good
Acquiring self-learning skills through class activities.	Poor self-learning skills	Satisfactory self-learning skills	Strong self-learning skills
Mastering skills of electronic learning.	Computer illiterate	Insufficient use of electronic resources	Good use of electronic resources
Professional development of students through research.	Weak professional development	Good professional development	Excellent professional development

Learning Outcome: Showing high commitment to work ethics in accordance with Islamic values.

	Rubrics Evaluation Grades		
	Weak	Average	Good
Observing students' behavior on campus	Misbehavior on campus	Good behavior on campus in accordance with Islamic values	Outstanding behavior on campus in accordance with Islamic values
Observing work ethics during field training in the field of chemistry.	No commitment to ethical values	Good commitment to ethical values	Outstanding commitment to ethical values

Learning Outcome: Communicating effectively both in writing and in speaking in different circumstances and to different audiences.

	Rubrics Evaluation Grades		
	Weak	Average	Good
Communicating effectively both in writing and in speaking in different circumstances and to different audiences	Poor communication skills	Ordinary Communication skills	Outstanding communication skills
Preparing introductory reports on the major issues and problems.	No reports	Good Reports	Outstanding Reports

Faculty: Az Zulfi College of Education

Department: Chemistry

Program: Chemistry

Learning Outcome: Integrating and appropriating IT in the collection, analysis and transfer of data and ideas on a regular basis.

	Rubrics Evaluation Grades		
	Weak	Average	Good
Using Chemistry software.	Weak use of chemistry software	Some use of chemistry software	Good use of chemistry software
Integrating and appropriating IT in the collection, analysis and transfer of data and ideas on a regular basis.	Poor use of IT	Ordinary use of IT	Outstanding manipulation of IT

Learning Outcome: : Applying statistical and other mathematical methods to problem-solving in relation to chemistry.

	Rubrics Evaluation Grades		
	Weak	Average	Good
Applying statistical and other mathematical methods to problem-solving in relation to chemistry.	Poor use of Statistical methods	Ordinary use of statistical methods	Good use of statistical methods
Identifying the appropriate statistical and mathematic methods when solving problems in chemistry.	Failure to identify the appropriate statistical and mathematic methods.	Average Identification of the appropriate statistical and mathematic methods	Good Identification of the appropriate statistical and mathematic methods
Suggesting solutions to current problems and issues	Student does not suggest solutions	Students suggests ordinary solutions.	Students suggests outstanding solutions.