## PENAMBAHBAIKAN HASIL PEMBELAJARAN DALAM STANDARD PROGRAM

**Standard Program: Pendidikan** 

## A. Objektif Pembelajaran Program (Programme Educational Objective, PEO)

ТАНАР	PEO YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA	PEO YANG DICADANGKAN
Certificate (Level 3, MQF)	The programme objectives at the certificate level are to educate and train learners to become graduates who are able to:  1. acquire an understanding of basic knowledge of the (school) subject matter;  2. apply the pedagogical content knowledge of subject matter in teaching-learning contexts;  3. acquire, internalize and apply the general skills of teaching-learning and instruction;  4. acquire, internalize and apply positive professional values and practices; and  5. continuously and incrementally develop general knowledge and individual talents and their fullest potentialities.	and contribute as an individual or through interactions with stakeholders in teaching and learning practices.  PEO 3:

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Diploma (Level 4, MQF)	The programme objectives at the diploma level are to educate and train learners to become scholar-teacher graduates who are able to:  1. apply broad-based knowledge of the (school) subject matter and practical skills to educational settings;  2. communicate, lead, engage and contribute in teams in problem solving tasks in educational settings;  3. use information effectively and acquire administrative skills pertaining to educational development;  4. continuously and incrementally develop general knowledge and individual talents and the fullest personal potentialities; and  5. become fully committed towards the profession and develop responsibilities towards society.	PEO 1: To produce Education Practitioners who have relevant and related knowledge with practical skills capable of using appropriate numerical techniques and digital technologies in the educational settings.  PEO 2: To produce Education Practitioners who can lead, communicate and interact with internal and external stakeholders when working in various educational settings.  PEO 3: To produce Education Practitioners who are professional and ethical in carrying out their duties in all educational settings.  PEO 4: To produce Education Practitioners with positive attitude, entrepreneurial mind set and sustainable practices in developing their career.
Bachelor's Degree (Level 6, MQF)	The programme objectives at the bachelor level are to educate and train learners to become graduate scholar-teachers who are able to:  1. acquire, and apply a coherent and detailed knowledge and understanding of the underlying values and principles of relevant curriculum frameworks in the school system;  2. acquire, and apply conceptual understanding of the diversity of the learners' backgrounds, personalities, the complexities of the education processes from early childhood education to the highest level of education;	PEO 1: To produce Education Practitioners who have broad knowledge with practical skills capable of using appropriate numerical techniques and digital technologies in the educational settings.  PEO 2: To produce Education Practitioners who lead with accountability, communicate and interact with internal and external stakeholders when working in various educational settings.

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	<ol> <li>explore and create opportunities and possibilities in implementing innovative and relevant educational programmes, as well as demonstrate, uphold and cherish the ethics and professional codes of practice and values of the teaching profession;</li> <li>initiate and foster positive and productive relationships with families and the community as well as demonstrate the capacity to engage in life-long learning and life-long contribution;</li> <li>acquire, apply and exercise acts of professional leadership in accordance with the responsibilities given or initiated by the professional scholar-teacher; and</li> <li>continuously and incrementally develop general knowledge and individual talents and the fullest personal personalities.</li> </ol>	PEO 3: To produce Education Practitioners who uphold professional and ethical practices in all educational settings.  PEO 4: To produce Education Practitioners with positive attitude, entrepreneurial mind set and sustainable practices in enhancing their career.
Postgraduate Certificate and Diploma (Level 7, MQF)	The programme objectives at postgraduate certificate and diploma levels are specifically to educate and train learners to become graduate scholar-teachers who are able to:  1. use knowledge and skills that enable them to work effectively in a range of educational settings;  2. foster informed insights, awareness of, interest in and commitment to the aims and values inherent in the theory and practice of education, in various contexts within the educational settings;  3. commit to raising standards of education and use problem solving and scientific skills to implement the curriculum relevant to the needs of learners in particular educational settings;  4. demonstrate a capacity for reflection and critical analysis of scholar-teacher's own practice and, anticipate and use innovation for continuing professional development; and	PEO 1: To produce Education Practitioners who have advanced knowledge with practical skills capable of using selected advanced numerical techniques and digital technologies in the educational settings.  PEO 2: To produce Education Practitioners who lead with autonomy, communicate and interact with internal and external stakeholders when working in various educational settings.  PEO 3: To produce Education Practitioners who uphold and defend professional and ethical practices in all education settings.

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	5. continuously and incrementally develop general knowledge and diverse individual talents and their fullest potentialities.	PEO 4: To produce Education Practitioners with positive attitude, entrepreneurial mind set in and sustainable practices progressing their career and the profession.
Master's Degree (Level 7, MQF)	<ol> <li>The programme objective at the masters level is specifically to educate and train learners to become graduate scholarteachers who are able to:         <ol> <li>make judgments of relevant theories and practices and demonstrate capability of producing new and creative knowledge in order to be effective and inspiring professionals;</li> <li>critically analyse, and synthesize the understanding of their own sources of mature professional knowledge and professional practices to solve significant problems;</li> <li>plan and execute innovative projects, research initiatives and write dissertations, theses and reports for the purpose of building and applying knowledge for the benefit of the profession and society as a whole;</li> <li>demonstrate capabilities in generating and communicating knowledge effectively through the practice of life-long learning and life-long contribution;</li> <li>lead and participate in knowledge generation and in championing intellectual property rights and acknowledgments of original works by others, guarding against plagiarism and other academic improprieties; and</li> <li>acquire general knowledge and develop diverse educational specializations, individual talents and potentialities.</li> </ol> </li> </ol>	To produce Education Practitioners who uphold professional and ethical practices in all education settings and defend the integrity of the profession at all times

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Doctoral Degree (Level 8, MQF)	The programme objective at the Doctoral level is to educate and train learners to become graduates who are scholar-educators able to:  1. grow and become accomplished and experienced educational professionals able to make judgments of relevant theories and practices and be capable of producing new and relevant knowledge through research;	knowledge with practical skills capable of using advanced numerical techniques and digital technologies in the educational settings.  PEO 2: To produce Education Practitioners who lead with
	<ol> <li>synthesize and evaluate professional knowledge and practice and apply such knowledge to solve significant problems;</li> <li>initiate and innovate independent projects and research activities for the purpose of building and applying knowledge for the benefit of the local community, national society and the global community;</li> <li>participate in scholarly discourses and disseminate knowledge through publications and journals and other</li> </ol>	concepts/practices through research.  PEO 3: To produce Education Practitioners who advocate professional and ethical practices in all education settings and defend the integrity of the profession at all times.
	means of knowledge dissemination in the academic and non-academic world; and 5. develop expertise in teaching, coaching and mentoring and build credibility to become role models in appropriate educational contexts.	To produce Education Practitioners with positive attitude,

## B. Hasil Pembelajaran Program (Programme Learning Outcome, PLO)

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TAHAP  Certificate (Level 3, MQF)		LO  Upon completion of the programme, graduates will be able to:  i. describe the relevant knowledge on the structure, content and methodology relating to teaching and learning.  ii. demonstrate practical skills, including the use of digital technology in educational settings.  iii. identify and solve problems with appropriate numeracy skills, when necessary in various educational settings.  iv. contribute either individually or through team work with good communication and	MQF Domain  1. Knowledge & Understanding  3. Practical Skills 6. Digital Skills 2. Cognitive Skills 7. Numeracy Skills 5. Communication Skills
	<ul> <li>6. apply basic problem solving and scientific skills to solve educational problems;</li> <li>7. identify and categorize information to promote effective teaching and learning;</li> <li>8. exhibit basic managerial, entrepreneurial and ICT skills pertaining to personal and institutional development; and</li> <li>9. continuously and incrementally develop encyclopaedic general knowledge and diverse individual talents and potentialities.</li> </ul>	v. demonstrate responsibility, accountability, professionalism and ethics in providing educational practices.  vi. participate in activities related to continuing professional development with entrepreneurial mind set in response to the changing world of education.	4. Interpersonal Skills  8. Leadership, Autonomy & Responsibility 11. Ethics & Professionalism  9. Personal Skills 10. Entrepreneurial Skills

TAHAP	PLO YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA	PLO YANG DICADANGK	AN
Diploma (Level 4,	At the end of the programme scholar-teachers should be able to:	LO	MQF Domain
MQF)	demonstrate broad-based knowledge of the structure, content and methodology of	Upon completion of the programme, graduates will be able to:	
	teaching relating to student learning;  2. apply advanced practical skills to educational settings;  3. demonstrate responsibilities towards the	<ul> <li>i. apply relevant and related knowledge on the structure, content and methodology relating to teaching and learning in educational settings.</li> </ul>	1. Knowledge & Understanding
	needs of education in society  4. demonstrate commitment to professional values, attitudes and professionalism;  5. show evidence of competent and	<ul> <li>ii. demonstrate practical skills in using current teaching techniques, including the use of digital technology in educational settings.</li> </ul>	3. Practical Skills 6. Digital Skills
	thoughtful communication, leadership and team skills; 6. apply problem solving, scientific skills and	iii. apply problem solving skills, numeracy skills and creative thinking in classroom settings;	Cognitive Skills     Numeracy Skills
	creative thinking in educational settings; 7. apply and analyse information to promote effective teaching and learning in various	iv. demonstrate leadership with responsibility and autonomy given in all educational setting.	8. Leadership, Autonomy & Responsibility
	education settings; 8. exhibit intermediate managerial, entrepreneurial and ICT skills pertaining to personal and institutional development; 9. continuously and incrementally develop	v. demonstrate commitment in community development through professional organizations or voluntary organizations with good communication and interpersonal skills.	4. Interpersonal Skills 5. Communication Skills
	encyclopaedic general knowledge and diverse individual talents, and their fullest potentialities; and	vi. exhibit professionalism and ethics to fulfil professional teaching standards at all times.	11. Ethics & Professionalism
	10. be actively engaged in contributions to community development through professional organizations or voluntary organizations.	vii. exhibit positive attitude and commitment to life-long learning with entrepreneurial mind-set in response to the changing world of education.	9. Personal Skills 10. Entrepreneurial Skills

TAHAP	PLO YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA	PLO YANG DICADANGK	AN
Bachelor's Degree	At the end of the programme scholar-teachers should be able to:	LO	MQF Domain
(Level 6, MQF)	analyse and develop understanding of the structure, content and methodology	Upon completion of the programme, graduates will be able to:	mai bomani
,	relating to student learning in specific subjects, in cross-curricular activities and programmes, and meet the challenges of the whole school curriculum;	<ul> <li>i. analyse broad areas of knowledge on the structure, content and methodology in education, to address the challenges of a dynamic curriculum.</li> </ul>	1. Knowledge & Understanding
	<ol> <li>function effectively in applying different philosophical underpinnings in education and practical skills at different levels and in different educational settings;</li> </ol>	ii. demonstrate practical skills in using current teaching techniques, including the use of digital technology in different educational settings.	3. Practical Skills 6. Digital Skills
	competently, creatively and innovatively promote the utilization of the knowledge corpuses of the teaching profession and protocols of quality practices in educational	iii. integrate analytical and numerical skills in analysing and solving complex problems related to teaching practices and organisational performance.	Cognitive Skills     Numeracy Skills
	settings as well as address sensitively, effectively and mindfully the multicultural contexts of learner diversity to foster	iv. demonstrate leadership with responsibility and autonomy in all educational setting.	8. Leadership, Autonomy & Responsibility
	learning and nurture the talents and potentialities of learners;  4. meet the requirements of established professional teaching standards at all levels (schools, colleges, universities and	v. contribute with commitment either individually or through team work with good communication and interpersonal skills in delivering educational services to stakeholders.	4. Interpersonal Skills 5. Communication Skills
	other learning organizations); 5. apply knowledge of interpersonal skills, communication skills, and, have the	vi. uphold professionalism and ethics to fulfil professional teaching standards at all times.	11. Ethics & Professionalism
	capacity to work collaboratively and independently to solve problems in different educational settings;	vii. exhibit positive attitude and commitment to life-long learning with entrepreneurial mind-set in response to the changing world of education and for career progression.	9. Personal Skills 10. Entrepreneurial Skills

ТАНАР	PLO YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA	PLO YANG DICADANGK	AN
	<ol> <li>demonstrate characteristics of professional leadership appropriate to the responsibility given;</li> <li>apply problem solving and scientific skills as well as awareness of the role of research to inform their evolving professional practice, mindfully, through knowledge mastery and understanding;</li> <li>reflect upon and learn from their own experiences in order to advance and take their own learning forward, for instance, using the theory of constructivism;</li> <li>exhibit managerial, entrepreneurial and ICT skills as well as be responsive to the changing nature of education as an academic and professional discipline;</li> <li>continuously and incrementally develop encyclopaedic general knowledge and diverse individual talents and, their fullest potentialities; and</li> <li>be actively engaged in contributions to community development through professional organizations or voluntary organizations.</li> </ol>		
Postgraduate	At the end of the programme, scholar-teachers		
Certificate and Diploma	should be able to: 1. demonstrate the uses of knowledge and	Lipon completion of the programme graduates	MQF Domain
(Level 7,	skills which enable them to work effectively	Upon completion of the programme, graduates will be able to:	
MQF)	in a range of educational settings; 2. foster the development of informed insights into the cultural, social, political, economic	i. analyse knowledge of specific subject areas related to teaching and learning in meeting the challenges of a dynamic curriculum.	1. Knowledge & Understanding

TAHAP	PLO YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA	PLO YANG DICADANGKAN
	and religious contexts within which schooling takes place; 3. demonstrate an awareness of, interest in and commitment to the aims and values inherent in the theories and practices of	ii. demonstrate practical skills in using current teaching techniques, including the use of current digital technique/technology in different educational settings.
	education; 4. commit to raising standards of education and improving student progress; 5. demonstrate the capacity to use problem	iii. integrate analytical and advanced numerical skills in solving and enhancing teaching practices and organisational performance.
	solving and scientific skills in implementing the curriculum relevant to the needs of learners in any particular educational	iv. demonstrate leadership with 8. Leadership, responsibility and autonomy in Autonomy & emerging educational setting. Responsibility
	settings; 6. demonstrate a capacity for reflection and critical analysis of their own practice and for their own continuing professional development;	v. contribute with commitment either individually or through multi-disciplinary team with good communication and interpersonal skills in delivering educational services to stakeholders  4. Interpersonal Skills 5. Communication Skills
	7. demonstrate an understanding of the changing world and foster the development of professional mind-sets which are able to objectively weigh, make decisions,	vi. uphold professionalism and ethics to fulfil professional teaching standards and maintain the good image of the profession at all times.
	anticipate and accommodate innovation; 8. continuously and incrementally develop encyclopaedic general knowledge and diverse talents, and, potentialities;	vii. exhibit positive attitude and commitment to life-long learning with entrepreneurial mind-set in response to the changing world of education and for professional
	<ol> <li>9. develop expertise in teaching, coaching and mentoring and build credibility to become role models in appropriate educational contexts; and</li> <li>10. be actively engaged in contributions to community development through</li> </ol>	development.

TAHAP	PLO YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA	PLO YANG DICADANGKA	AN
	professional organizations or other voluntary organizations.		
Master's	At the end of the programme the scholar- teachers should be able to:	10	MOE Damain
Degree (Level 7, MQF)	apply and integrate knowledge relating to current research issues in specific areas of study;	Upon completion of the programme, graduates will be able to:  i. critically analyse and synthesise	MQF Domain  1. Knowledge &
	apply research techniques to acquire, interpret and extend educational knowledge in areas of study;      demonstrate the capability to	advanced knowledge and those emerging from research that are related to teaching and learning in meeting the challenges of a dynamic curriculum.	Understanding
	<ul> <li>3. demonstrate the capability to communicate, lead and work together in building new knowledge;</li> <li>4. synthesize advanced knowledge and engage in problem solving and scientific skills;</li> </ul>	ii. evaluate emerging scenarios and innovatively solve educational related issues demonstrating mastery of knowledge, incorporating advanced analytical and numerical techniques.	Cognitive Skills     Numeracy Skills
	<ul> <li>5. demonstrate the capabilities and dispositions to work as engaged professional educators in building learning communities into the future;</li> <li>6. design and conduct research</li> </ul>	iii. organise and conduct outcomes-based research employing various techniques, including digital technology to strengthen the knowledge and practices on teaching and learning.	3. Practical Skills 6. Digital Skills
	professionally and ethically; and 7. continuously, incrementally and cumulatively develop encyclopaedic general knowledge and diverse individual	iv. adapt suitable leadership styles and demonstrate responsibility and autonomy in emerging and dynamic educational setting.	8. Leadership, Autonomy & Responsibility
	talents and potentialities.	v. commit to delivering tasks either individually or through multi-disciplinary teams with good communication and interpersonal skills in all educational and organisational settings	4. Interpersonal Skills 5. Communication Skills

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		vi. uphold professionalism and ethics to fulfil professional teaching and research standards in enhancing the image of the profession at all times.	11. Ethics & Professionalism
		vii. exhibit positive attitude and commitment to life-long learning with entrepreneurial mind-set in response to the changing world of education and for professional advancement.	9. Personal Skills 10. Entrepreneurial Skills
Doctoral	At the end of the programme, scholar -teachers		
Degree	should be able to:	LO	MQF Domain
(Level 8, MQF)	demonstrate systematic comprehension and in-depth understanding of a specific	Upon completion of the programme, graduates will be able to:	
	<ul> <li>area of study;</li> <li>2. demonstrate the capability as researcher, and, the skills to supervise research projects;</li> <li>3. critically analyse, evaluate and synthesize</li> </ul>	<ul> <li>i. critically synthesise and evaluate current knowledge and those emerging from research that are related to teaching and learning in meeting the challenges of a dynamic curriculum.</li> </ul>	1. Knowledge & Understanding
	new and complex ideas; 4. demonstrate critical, creative and analytical thinking, and effective problem-solving; 5. broaden the boundary of knowledge through in depth thesis exposition of a field	ii. design and develop studies or research creatively to address educational issues demonstrating mastery of knowledge, incorporating state of the art analytical, numerical and digital techniques.	2. Cognitive Skills 6. Digital Skills 7. Numeracy Skills
	<ul> <li>and knowledge generation in the field of studies;</li> <li>6. communicate mature knowledge to peers, scholarly communities and society at large through publications and other academic media;</li> </ul>	iii. organise and design outcomes-based research employing advanced techniques, including digital technology to enhance the body of knowledge and practices in teaching and learning.	3. Practical Skills 6. Digital Skills

TAHAP	PLO YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA	PLO YANG DICADANGKAN
	<ol> <li>demonstrate the capacity to understand and advance educational thought in multidisciplinary ways;</li> <li>develop capacity to contribute meaningfully to development beyond the education sector;</li> <li>develop knowledge mastery which enhance the capacity for discourse and engagement with knowledge and thought leaders in other fields; and</li> <li>continuously and incrementally develop encyclopaedic general knowledge and diverse individual talents and potentialities.</li> </ol>	<ul> <li>iv. adapt suitable leadership styles and balance autonomy with responsibility in emerging and dynamic educational settings.</li> <li>v. adapt to situations when delivering task either individually or through multidisciplinary teams with good communication and interpersonal skills in educational, organisational and research settings.</li> <li>vi. uphold and defend professionalism and ethics to fulfil professional teaching and research standards in ensuring the integrity of the profession at all times.</li> <li>vii. advocate positive attitude and commitment to life-long learning with entrepreneurial mind-set in response to the changing world of education and for professional advancement.</li> <li>8. Leadership, Autonomy &amp; Responsibility</li> <li>4. Interpersonal Skills</li> <li>5. Communication Skills</li> <li>8. Ethics &amp; Professionalism</li> <li>9. Personal Skills</li> <li>10. Entrepreneurial Skills</li> </ul>