LAMPIRAN 1

PENAMBAHBAIKAN HASIL PEMBELAJARAN DALAM STANDARD PROGRAM

Standard Program: Pendidikan Awal Kanak-Kanak

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

TAHAP	MATLAMAT PROGRAM YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA	PEO YANG DICADANGKAN
Certificate (Level 3, MQF)	*The programme aim at the Certificate level is to provide students with the basic knowledge and skills for them to be employed in Early Childhood Educatin (ECE) settings.*	*PEO 1:* *To produce early childhood educators who have relevant knowledge and are technically competent with appropriate digital and numeracy skills in providing early childhood care and education services.* *PEO 2:* *To produce early childhood educators who have caring personality, positive attitude and entrepreneurial mind set.* *PEO 3:* *To produce early childhood educators who can responsibly engage families and communities for the well-being of children through good communication and interpersonal skills.* *PEO 4:* *To produce ethical early childhood educators with sustainable practices in carrying out their duties in providing early childhood care and education at all settings.*

TAHAP	MATLAMAT PROGRAM YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA	PEO YANG DICADANGKAN
Diploma (Level 4, MQF)	*The programme aim at the Diploma level is to equip students with knowledge, skills and competencies for them to be professional and be employed in ECE settings.*	*PEO 1:* *To produce early childhood educators who have relevant and related knowledge and technically competence in good digital and numeracy skills.* *PEO 2:* *To produce early childhood educators who have caring personality, positive attitude and entrepreneurial mind set in providing early childhood care and educational services.* *PEO 3:* *To produce early childhood educators who are responsible and accountable in engaging families and communities through good communication and interpersonal skills in ensuring the well-being of children.* *PEO 4:* *To produce early childhood educators who are professional, ethical and sustainable practices in carrying out their duties in providing early childhood care and education at all settings.*
Bachelor's Degree (Level 6, MQF)	*The programme aim at the Bachelor"s degree level is to equip students with knowledge, skills and competencies to enable them to be professional early childhood educators so as to provide quality ECCE.*	*PEO 1:* *To produce early childhood educators who have broad knowledge and technically competent with good digital and numeracy skills in providing early childhood care and education services.* *PEO 2:* *To produce early childhood educators who have caring personality, capable of inspiring positive attitude and*

TAHAP	MATLAMAT PROGRAM YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA	PEO YANG DICADANGKAN
		entrepreneurial mind set in providing early childhood care and educational services. *PEO 3:* *To produce early childhood educators who can lead engagements with families and communities through good communication and interpersonal skills in ensuring the well-being of children.* *PEO 4:* *To produce early childhood educators who uphold professional, ethical and sustainable practices in carrying out their duties in providing early childhood care and education at all settings.*
Master's Degree (Level 7, MQF)	*The programme aims at the Master"s degree level are to equip students with knowledge and competencies for them to acquire leadership skills, the ability to analyse ECE curriculum and issues critically and the ability to communicate the findings to all stakeholders.*	*PEO 1:* *To produce early childhood educators who have advanced knowledge and technically competent with good digital and numeracy skills in providing early childhood care and education services.* *PEO 2:* *To produce early childhood educators who have caring personality, capable of inspiring positive attitude and entrepreneurial mind set in providing early childhood care and educational services.* *PEO 3:* *To produce early childhood educators who can lead engagements with families, communities and regulators through effective communication and interpersonal skills in ensuring the well-being of children.*

TAHAP	MATLAMAT PROGRAM YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA	PEO YANG DICADANGKAN
		PEO 4: *To produce early childhood educators who uphold and defend professional, ethical and sustainable practices in carrying out their duties in providing early childhood care and education at all settings.*
PhD/Ed.D (Level 8, MQF)	*The programme aims at the PhD/Ed.D level are to equip students with knowledge and competencies to enable them to review, analyse and conduct research, and contribute to the advancement of knowledge, competencies and ethics.*	*PEO 1:* *To produce early childhood educators who have state of the art knowledge and technically competent with advanced digital and numeracy skills in providing early childhood care and education services.* *PEO 2:* *To produce early childhood educators who have caring personality, capable of inspiring positive attitude and strong entrepreneurial mind set in providing early childhood care and educational services.* *PEO 3:* *To produce early childhood educators who can lead engagements with families, communities and regulators through effective communication and interpersonal skills in ensuring the well-being of children.* *PEO 4:* *To produce early childhood educators who advocate professional, ethical and sustainable practices in carrying out their duties in providing early childhood care and education at all settings.*

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

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<tr><th>TAHAP</th><th>PLO YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA</th><th>PLO YANG DICADANGKAN</th></tr>
<tr><td>Certificate (Level 3, MQF)</td><td>Upon completion of the programme, graduates should be able to:
i. demonstrate basic knowledge and understanding of the core knowledge areas;
ii. apply the basic knowledge to provide developmentally appropriate learning experiences for children"s development;
iii. provide and maintain a safe, healthy and nurturing environment where children learn and develop;
iv. comply with professional values, attitudes and ethics;
v. communicate with children, colleagues, families and the community;
vi. apply basic problem solving and scientific skills in the care and education of young children;
vii. select and apply information to enhance early learning and self-development; and
viii. exhibit basic operational skills in early childhood settings.</td><td>
<table>
<tr><th>LO</th><th>MQF Domain</th></tr>
<tr><td>Upon completion of the programme, graduates will be able to:</td><td></td></tr>
<tr><td>i. describe the relevant core body of knowledge in early childhood education</td><td>1. Knowledge & Understanding</td></tr>
<tr><td>ii. demonstrate learning experiences that are developmentally appropriate</td><td>3. Practical Skills</td></tr>
<tr><td>iii. describe the practice of a safe, healthy and nurturing environment in early childhood settings.</td><td>2. Cognitive Skills</td></tr>
<tr><td>iv. demonstrate numeracy skills to solve problems in educating young children.</td><td>7. Numeracy Skills</td></tr>
<tr><td>v. demonstrate the use of digital technology in caring and educating young children.</td><td>6. Digital Skills</td></tr>
<tr><td>vi. recognize the caring and positive attitudes in delivering early childhood care and education services.</td><td>Personal Skills</td></tr>
<tr><td>vii. define entrepreneurial mind-set in early childhood services.</td><td>10. Entrepreneurial Skills</td></tr>
<tr><td>viii. demonstrate commitment in engaging families and communities using good communication and interpersonal skills in delivering ECE services.</td><td>4. Interpersonal Skills
5. Communication Skills
9. Personal Skills</td></tr>
<tr><td>ix. demonstrate leadership skills with a sense of autonomy and responsibility in engaging with colleagues</td><td>8. Leadership, Autonomy & Responsibility</td></tr>
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<tr><th>TAHAP</th><th>PLO YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA</th><th colspan="2">PLO YANG DICADANGKAN</th></tr>
<tr><td></td><td></td><td colspan="2"><table><tr><td>x. demonstrate professionalism and ethics in providing early childhood care and education services.</td><td>11. Ethics & Professionalism</td></tr></table></td></tr>
<tr><td>Diploma (Level 4, MQF)</td><td>Upon completion of the programme, graduates should be able to:
i. demonstrate knowledge and understanding of the core knowledge areas;
ii. apply knowledge and understanding to provide developmentally appropriate learning experiences for children"s development;
iii. create, provide and maintain a safe, healthy and nurturing environment where children learn and develop;
iv. demonstrate commitment to professionalism in values, attitudes and ethics;
v. communicate effectively with children, colleagues, families and the community;
vi. apply problem solving, self-reflection, scientific skills and creative thinking in the care and education of young children;
vii. resource, select and apply information to enhance early learning and selfdevelopment; and
viii. exhibit basic managerial and entrepreneurial skills in early childhood settings.</td><td colspan="2"><table><tr><th>LO</th><th>MQF Domain</th></tr><tr><td>Upon completion of the programme, graduates will be able to:</td><td></td></tr><tr><td>i. describe the relevant and related body of knowledge in early childhood education</td><td>1. Knowledge & Understanding</td></tr><tr><td>ii. apply developmentally appropriate learning experiences for children</td><td>3. Practical Skills</td></tr><tr><td>iii. apply safe, healthy and nurturing environment in early childhood settings</td><td>2. Cognitive Skills</td></tr><tr><td>iv. apply relevant and related numeracy skills to solve problems in educating young children.</td><td>7. Numeracy Skills</td></tr><tr><td>v. apply current digital technology in caring and educating young children.</td><td>6. Digital Skills</td></tr><tr><td>vi. demonstrate the caring and positive attitudes in delivering early childhood care and education services.</td><td>9. Personal Skills</td></tr><tr><td>vii. discuss entrepreneurial mind-set in early childhood services.</td><td>9. Personal Skills
10. Entrepreneurial Skills</td></tr><tr><td>viii. involve with families and communities through communication and good interpersonal skills in enhancing quality ECE services.</td><td>4. Interpersonal Skills
5. Communication Skills</td></tr></table></td></tr>
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<tr><td>ix.</td><td>display leadership skills with a sense of accountability in engaging with colleagues.</td><td>8. Leadership, Autonomy & Responsibility</td></tr>
<tr><td>x.</td><td>exhibit professionalism and ethics in providing early childhood care and education services.</td><td>11. Ethics & Professionalism</td></tr>
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<tr><td>Bachelor's Degree (Level 6, MQF)</td><td>Upon completion of the programme, graduates should be able to:
i. demonstrate mastery of knowledge of the core knowledge areas;
ii. apply the knowledge and understanding to create and implement developmentally appropriate learning experiences for children's development;
iii. design, create, provide and maintain a safe, healthy and nurturing environment where children learn and develop;
iv. practise professional values, attitudes and ethics;
v. communicate effectively with children, colleagues, families and the community;
vi. engage families and communities in enhancing quality ECE;
vii. apply problem solving, self-reflection, scientific skills and creative thinking in the care and education of young children;
viii. resource, select, analyse and apply information to enhance early learning and self-development; and</td><td>
<table>
<tr><th colspan="2">LO</th><th>MQF Domain</th></tr>
<tr><td colspan="2">Upon completion of the programme, graduates will be able to:</td><td></td></tr>
<tr><td>i.</td><td>apply the broad body of knowledge in early childhood education.</td><td>1. Knowledge & Understanding</td></tr>
<tr><td>ii.</td><td>demonstrate current and innovative teaching techniques and learning experiences for children.</td><td>3. Practical Skills</td></tr>
<tr><td>iii.</td><td>design the practice of a safe, healthy and nurturing environment in early childhood settings.</td><td>2. Cognitive Skills</td></tr>
<tr><td>iv.</td><td>analyse problems using a broad range of analytical and numerical tools in caring and educating young children.</td><td>7. Numeracy Skills</td></tr>
<tr><td>v.</td><td>demonstrate the use of a broad range of digital technology in strengthening early learning and early childhood education.</td><td>6. Digital Skills</td></tr>
<tr><td>vi.</td><td>practise caring and positive attitudes in delivering early childhood care and education services.</td><td>9. Personal Skills</td></tr>
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<tr><td></td><td>ix. exhibit managerial and entrepreneurial skills as well as display responsiveness to the changing nature of ECE.</td><td>
<table>
<tr><td>vii.</td><td>demonstrate life-long learning skills with entrepreneurial mind-set in early childhood services.</td><td>9. Personal Skills
10. Entrepreneurial Skills</td></tr>
<tr><td>viii.</td><td>demonstrate responsibility and accountability in engaging families and communities using good communication and interpersonal skills in delivering ECE services.</td><td>4. Interpersonal Skills
5. Communication Skills</td></tr>
<tr><td>ix.</td><td>display leadership skills with a sense of autonomy in engaging with colleagues.</td><td>8. Leadership, Autonomy & Responsibility</td></tr>
<tr><td>x.</td><td>practise professionalism and ethics in providing early childhood care and education services.</td><td>11. Ethics & Professionalism</td></tr>
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<tr><td>Master's Degree (Level 7, MQF)</td><td>Upon completion of the programme, graduates should be able to:
i. demonstrate mastery of knowledge of the core knowledge areas and understanding of their relationships to related fields;
ii. critique, analyse and evaluate issues on core knowledge, current trends and research findings;
iii. demonstrate a mastery of developmentally appropriate practices to monitor and model;
iv. practise and conduct research in compliance with professional values, attitudes and ethics;</td><td>
<table>
<tr><th colspan="2">LO</th><th>MQF Domain</th></tr>
<tr><td colspan="2">Upon completion of the programme, graduates will be able to:</td><td></td></tr>
<tr><td>i.</td><td>compare relevant and related body of knowledge in early childhood education.</td><td>1. Knowledge & Understanding
2. Cognitive Skills</td></tr>
<tr><td>ii.</td><td>analyse issues on core knowledge, current trends and research findings in early childhood settings to generate innovative solutions to problems</td><td>1. Knowledge & Understanding
2. Cognitive Skills</td></tr>
<tr><td>iii.</td><td>apply numeracy skills in analysing current issues and trends in early childhood education</td><td>3. Practical Skills
7. Numeracy Skills</td></tr>
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<tr><td></td><td>v. demonstrate effective leadership in advocating for quality early childhood education;
vi. apply problem solving and scientific skills, creative thinking and critical reflection for research and professional advancement;
vii. analyse, apply and/or disseminate information (including research findings) to enhance quality ECE; and
viii. apply evidenced good practices in administration, management and entrepreneurship in early childhood fields.</td><td>
<table>
<tr><td>iv.</td><td>demonstrate the use of a broad range of digital technology in managing information on early childhood education.</td><td>3. Practical Skills
6. Digital Skills</td></tr>
<tr><td>v.</td><td>demonstrate caring personality and inspire positive attitude when addressing or investigating issues/trends in early childhood education.</td><td>4. Interpersonal Skills
9. Personal Skills</td></tr>
<tr><td>vi.</td><td>demonstrate entrepreneurial mind-set in the administration and management of early childhood education.</td><td>10. Entrepreneurial Skills</td></tr>
<tr><td>vii.</td><td>design family and community involvement programmes in enhancing the well-being of children in their formative years</td><td>2. Cognitive Skills</td></tr>
<tr><td>viii.</td><td>demonstrate effective communication, interpersonal and leadership skills in advocating quality early childhood education.</td><td>4. Interpersonal Skills
5. Communication Skills
8. Leadership, Autonomy & Responsibility</td></tr>
<tr><td>ix.</td><td>advocate professionalism and ethics in providing early childhood care and education services.</td><td>11. Ethics & Professionalism</td></tr>
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<tr><td>PhD/Ed.D (Level 8, MQF)</td><td>Upon completion of the programme, graduates should be able to:
i. demonstrate mastery of knowledge of the core knowledge areas and understanding of their relationships to related fields;</td><td>
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	ii. contribute new knowledge to the field of ECE; *iii. critique, analyse and evaluate issues on core knowledge areas, current trends, new ideas and research findings in ECE;* *iv. communicate effectively to peers, scholarly communities and society at large through publication and other media;* *v. develop knowledge mastery to engage and discourse with academia and leaders in society;* *vi. practise and conduct research in compliance with professional values, attitudes and ethics;* *vii. develop knowledge and skills continuously, incrementally and cumulatively for professional development and contribute to the scholarly communities;* *viii. analyse, apply and/or disseminate information (including research findings) to enhance quality ECE; and* *ix. apply evidenced good practices, new ideas and current research findings in administration, management and entrepreneurship in early childhood settings and related fields.*	*i.*	*critique and proposed concepts, principles and theories in early childhood education.*	*1. Knowledge & Understanding Cognitive Skills*
		ii.	*design new techniques in the field of early childhood care and education*	*3. Practical Skills*
		iii.	*analyse and evaluate issues on core knowledge, current trends and research findings in early childhood settings to propose creative solutions to problems*	*2. Cognitive Skills*
		iv.	*analyse current issues and problems using a range of advanced and specialised analytical and numerical tools in enhancing early childhood education.*	*7. Numeracy Skills*
		v.	*evaluate the digital technology as a means of managing information in early childhood settings.*	*6. Digital Skills*
		vi.	*demonstrate caring personality and inspire positive attitude when addressing or investigating issues/trends in early childhood education.*	*9. Personal Skills*
		vii.	*demonstrate entrepreneurial mind-set in the administration and management of early childhood education.*	*10. Entrepreneurial Skills* *9. Personal Skills*
		viii.	*communicate issues, trends and research findings on early childhood care and education to peers, scholarly communities and society at large through interaction, presentation and publication.*	*4. Interpersonal Skills* *5. Communication Skills*

TAHAP	PLO YANG DINYATAKAN DALAM STANDARD PROGRAM SEDIA ADA	PLO YANG DICADANGKAN	
		ix. *demonstrate autonomy, responsibility and leadership in advocating quality early childhood education.*	*8. Leadership, Autonomy & Responsibility*
		x. *conduct research advocating professional values, attitudes and ethics.*	*11. Ethics & Professionalism*