

## SafeMedicate Across the Curriculum

Course	Sem	Medication Skills in course	Required Self Study Modules	Assessment	Remediation Cycle limit: 2 rounds	Practicum Schedule and population
304 Foundations I	Sem 1 Term A	PO meds SQ/IM/ID injection Removing med from vial Mixing meds – insulin IV rates/drip rates Unit dose meds	Foundation Numeracy (90%) <b>week 1</b>  <i>FNS Essential Skills:</i> Introduction Prescriptions and SI units Tablets & Capsules Liquid Medicines Injections	Suggested: Administer a practice <i>FNS Essential Skills</i> ADA		
306 Foundations II	Sem 1 Term B	IVP & IVPB med admin Reconstitution meds Meds via Saline lock Meds via NG tube Metered dose inhaler	<i>FNS Essential Skills:</i> IV infusions <i>FNS Injectable medicine therapy:</i> Slow IV injections Intermittent infusions	FNS Essential Skills <b>ADA Adult and FNS Injectable medicines ADA Adult:</b> Slow IV injections Intermittent Infusions: single dose Formative: suggested $\geq 90\%$ to take AA  Summative: FNS Essential AA <i>Adult</i> ( $\geq 90\%$ )	If AA $<90\%$ , then: Repeat FNS Essential Skills <i>Adult</i> Modules Repeat FNS Essential ADA Formative: $\geq 90\%$ Repeat FNS Essential AA <i>Adult</i> : $\geq 90\%$	Practicum I <i>adult</i>
310 Psychiatric/ Mental Health	Sem 2		<i>FNS Essential Skills:</i> Mental health	FNS Essential Skills <b>ADA Adult and FNS Injectable medicines ADA Adult:</b> Slow IV injections Intermittent Infusions: single dose Modeling heparin – units/kg/hr Formative: suggested 90% to take AA  Summative: FNS AA <i>Adult</i> ( $\geq 90\%$ )	If AA $<90\%$ , then: Repeat Modules that corresponds to missed content Repeat corresponding ADA Formative: $\geq 90\%$ Repeat corresponding AA: $\geq 90\%$	Practicum II <i>adult</i>
311/312 Adult Health	Sem 2		<i>FNS Injectable Medicines:</i> Modeling bodyweight based – single/divided dose Modeling Heparin	<i>FNS Essential skills</i> – simulation scenarios specific using Focused assessment		

### Abbreviations:

FNS: Future Nurse Suite; BWSA: Body weight-Surface Area; ADA: Authentic Diagnostic Assessment; AA: Authentic Assessment; VRIII: Variable Rate Intravenous Insulin Infusion

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440 Pediatric Health	Sem 3	IM injections (vitamin K in newborns) Wt based meds	<i>FNS BWSA:</i> Single dose: SI u/kg/dose liquid and injections Divided dose: SI u/kg/dose liquid and injections IV infusions: fluid therapy, pediatric, and neonate <i>FNS Injectable medicines</i> Slow IV injections Intermittent infusions: single, BW single/divided dose, acetaminophen Continuous infusions: Modeling mg/kg/hr & mcg/kg/min	<i>FNS BWSA</i> – simulation scenarios specific using Focused assessment		
438 Maternal Newborn Health	Sem 3	Maternal infusions	<i>FNS BWSA:</i> Single dose: SI u/kg/dose liquid and injections Divided dose: SI u/kg/dose liquid and injections IV infusions: fluid therapy, pediatric, and neonate  <i>FNS Injectable medicines</i> Slow IV injections Intermittent infusions: single, BW single/divided dose, acetaminophen Continuous infusions: Modeling mg/kg/hr & mcg/kg/min, Modeling magnesium and oxytocin	<i>FNS Injectable Medicines</i> – simulation scenarios specific using Focused assessment		

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410 Complex Health	Sem 3	Critical care meds	<p><i>FNS BWSA:</i> Single dose: SI u/kg/dose injections Divided dose: SI u/kg/dose liquid and injections</p> <p><i>FNS Injectable medicines:</i> Intermittent infusions: BW single/divided dose Continuous infusions: Insulin titrated by VRIII Modeling mg/kg/hr &amp; mcg/kg/min Modeling Heparin - mg/kg/hr</p>	<p><i>FNS Essential skills</i></p> <p><i>FNS Injectable medicines:</i> Slow IV injections Intermittent Infusions Modeling bodyweight base – single/divided dose/acetaminophen</p> <p><i>FNS Continuous infusions:</i> Modeling heparin – units/kg/hr Modeling magnesium sulfate – G/hr Modeling oxytocin – milliunits/hr</p> <p>Formative: suggested <math>\geq 90\%</math> to take AA</p> <p>Summative: FNS Essential AA <i>Child</i> (<math>\geq 90\%</math>)</p>	<p>If AA <math>&lt; 90\%</math>, then: Repeat Modules that corresponds to missed content Repeat corresponding ADA Formative: <math>\geq 90\%</math> Repeat corresponding AA: <math>\geq 90\%</math></p>	Practicum III <i>Adult – 60%</i> <i>Child, midwifery &amp; neonate - 40%</i>
420 Comm	Sem 4		<p><i>Word Problem Skills Learning Environment</i> Practice your skills Self-Assessment</p>			
430 Advanced Sim	Sem 4					

### Notes:

- Foundation Numeracy to be completed week 1 and to be passed at 90%. If  $< 90\%$  then will need remediated on numeracy with coordinator. Remediation with Medication Calculation Coordinator or tutor.
- Practicum scheduled according to policy Number 711.
- Faculty recommended to facilitate *Focused assessments* in their course: outside of lecture or for clinical/lab.
- If AA  $< 90\%$ , then: a.) meet with coordinator to review ADA analysis/diagnostic report and time/percentage in modules; b.) Repeat Essential Skills Modules; c.) Repeat Essential ADA Formative:  $\geq 90\%$ .

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