Program nameNuclear Engineering Technology Di	ivisionASET I	Date3/	<sup>/</sup> 27/2015
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Catalog year	2015-2016		Compl	eted byN	/l. Dubois				
•	am-Level ning Outcomes	Course # METC 100	Course # NUET 100	Course # MDTC 160 OR CIS130	Course # ELEC 125	Course # NUET 120	Course # NUET 130	Course # MATL 121	Course # NUET 205
•	pply the culture of ous improvement, ng.		Ар		С	Ар	Ар		Ар
Explain the required documentation, procedures, and for nuclear related	formal recordkeeping	С	Ар			Ар	Ар		Ар
Describe the manuclear power puthey are used in generation.	plant, and how		С			Ар	Ар		
Identify typical properties and function.	•		С			Ар	Ар		Ар
Describe differe radiation, their matter, method and shielding.	effects on organic		С			Ар	Ар	С	
Identify and def mathematic and	ine problems in d scientific terms	Ар	С	С	Ар	С	С	С	

<sup>\*</sup>All core courses within the program should be included in the Program map.

Program name	Nuclear Engir	neering Tech	nology	Division _	ASET		Date	3/27	/2015
Catalog year	2015-2016		Comp	leted by	M. Dubois				
Recognize assumption of analysis to the technology, include thical implication	application of ding social and	Ар	С	С	Ар	С	С	С	
Recognize the need lifelong learning, a research or conduinvestigations to compare the search or conductions to conduct or conductions to conduct or conductions to conduct or conductions are search or conductions.	and to perform act continuously	С	С	С	С	С	С	С	С
Communicate effe work as part of a t	• •	Ар	С		Ар	Ар	Ар	С	Ар

<sup>\*</sup>All core courses within the program should be included in the Program map.

Program name	_Nuclear Engineering	Technology	Division	ASET	Date	_3/27/2015
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**Catalog year** Completed by M. Dubois 2015-2016 Course # Program-Level **METC 234 NUET 230 ELEC 141 NUET 220** CHEM 151 **MATH 160 ELEC 133 NUET 240 Student Learning Outcomes** Describe and apply the culture of safety, continuous improvement, Ap Aр Aр and peer checking. Explain the requirement for C C documentation, formal Aр Ap Aр procedures, and recordkeeping for nuclear related activities. Describe the main systems in a C C C nuclear power plant, and how Aр Aр they are used in power generation. Identify typical power plant C C C C components and explain their Ap Aр function. Describe different sources of C C radiation, their effects on organic matter, methods of detection, and shielding. Identify and define problems in mathematic and scientific terms Aр Aр Aр Ap C Aр C C

<sup>\*</sup>All core courses within the program should be included in the Program map.

Program name	Nuclear Engir	neering Tech	nology	Division _	ASET		Date	3/27	/2015	-
Catalog year	2015-2016		Comp	leted byN	M. Dubois					
Recognize assump of analysis to the a technology, include ethical implication	application of ling social and	С	Ар	Ар	С	С	С	С	С	
Recognize the need lifelong learning, a research or conduction investigations to compare the search or conduction investigations to compare the search or conduction in the search of th	and to perform ct ontinuously	С	С	С	С	С	С	С	С	
Communicate effe work as part of a t	• •	С	Ар	Ар	Ар		Ар			

<sup>\*</sup>All core courses within the program should be included in the Program map.

Program name	Nuclear Engin	eering Technolog	y Divisio	nASET	• ————————————————————————————————————	Date	3/27/	<b>2015</b>
Catalog year	2015-2016	(	Completed by_	_M. Dubois				
Prograr Student Learn		Course # ELEC 211						
Describe and app safety, continuou and peer checkin	is improvement,							
Explain the required documentation, for procedures, and for nuclear relate	formal recordkeeping	С						
Describe the main nuclear power plathey are used in pageneration.	ant, and how	Ар						
Identify typical po components and function.		С						
Describe differen radiation, their el matter, methods and shielding.	ffects on organic							
Identify and defir mathematic and	•	Ар						

<sup>\*</sup>All core courses within the program should be included in the Program map.

Program name	Nuclear Engin	eering Technology	Divisio	nASET_	 Date	3/27/	<b>2015</b>
Catalog year	2015-2016	Co	ompleted by_	M. Dubois			
Recognize assum of analysis to the technology, include ethical implication	application of ding social and	С					
Recognize the need lifelong learning, research or conduinvestigations to dupgrade knowled	and to perform  uct  continuously	С					
Communicate eff work as part of a	• •	Ар					

<sup>\*</sup>All core courses within the program should be included in the Program map.