M O N M O U T H   U N I V E R S I T Y

Curriculum Chart 2008-2009   **Office of Registration and Records**   **MS.SE.ES.08**
West Long Branch, NJ 07764 - 1898

Master of Science in Software Engineering - Embedded Systems Track	
REQUIREMENTS: 51 Credits	**Credits**
CS501B: Program Development	3.0
CS503: Data Structures and Algorithms	3.0
SE504: Principles of Software Engineering	3.0
SE510: Object Oriented Analysis & Design	3.0
SE515: Disciplined Software Development	3.0
SE561: Mathematical Foundations of Software Engineering	3.0
SE565: Software Systems Requirements	3.0
SE570: Software Systems Design	3.0
SE575: Software Verification, Validation & Maintenance	3.0
SE580: The Process of Software Engineering	3.0
SE620: Network Software Systems I	3.0
SE630: Real-time Software Analysis and Specification	3.0
SE631: Real-time Software Design and Implementation	3.0
ELECTIVES: 6 Credits from Among: CS525, CS526, SE605, SE610, SE611, SE621, SE638, SE669	6.0
SE685A and SE685B: Practicum	
or	
SE690A and SE690B: Thesis	6.0

TOTAL CREDITS FOR MASTER OF SCIENCE IN SOFTWARE ENGINEERING - EMBEDDED SYSTEMS TRACK = 51.0

ORR 05/08

MONMOUTH UNIVERSITY CURRICULUM CHART