

## N81 / Naval Post Graduate School Thesis Proposal

Date: May 6, 2003  
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IWAR: Training and Education  
(if applicable)

Subject: Naval Education and Training Command (NETC)  
OMN (Operations and Maintenance - Navy)  
Requirements Determination and Modeling

Problem Description: NETC currently does not have an over arching methodology to determine requirements or a clear understanding of what are the major influences of their requirements. Programming requirements are typically driven and based upon prior year execution, which does not allow for rigorous analysis of program changes.

Deliverable: Provide a mapping of major influences to OMN (e.g., Study with recommendations, Decision Aide, Analysis, Mathematical Model, etc.,) Requirements Determination process and resource programming. Included in this mapping should be identification of requirements that could be used to develop a model/models for programming NETC's OMN budget. Develop a model or models as necessary to assist OMN programming.

Discussion: The training and education requirements are currently determined by examining prior year execution and are considered to be Level of Effort (LOE) programs. There is an effort underway to exam LOE programs to determine which could have their resources programmed by Performance Models. The use of Performance Models will allow for more rigorous analysis of changes to programs and their impacts to other programs. NETC programs approximately \$1.1 billion dollars in OMN annually. There is enough work in this area for several thesis students. OMN areas of interest include Flight Training Hours, Professional Development, ROTC, Enlisted and Officer Skills Training,

Potential Data Sources: RTC (training pipelines)  
N00T  
NETC: A and C school requirements

*Return to N813R for N81/NPS coordination*