



## Applying Neuroscience to Enhance Tactical Leader Cognitive Performance in Combat (Paperback)

By U S Army Command and General Staff Coll

Createspace, United States, 2014. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. The US Army relies on tactical-level leaders, not for their physical warfighting skills, but for their ability to employ cognitive thought during stressful situations. Cognitive tasks include sensing patterns, deciphering complex environments, creating novel solutions, and synchronizing multiple battlefield systems, to name but a few. The physiological response to combat can degrade that cognitive capability, preventing leaders from performing tasks critical to unit success. This book approached tactical combat leadership from a brain-based perspective, seeking ways to enhance leader cognitive performance. To do so, it explored the physiological aspects of threat response and examined the field of neuroscience to understand brain function. Relevant to combat leadership are the principles that: (1) the brain sacrifices cognitive resources to respond emotionally, (2) stress degrades the form of conscious attention known as working memory, and (3) certain brain areas can be deliberately activated to exert control over emotions. Further research resulted in a menu of techniques that tactical leaders can use to regulate the emotional response and improve cognitive performance in combat.



[READ ONLINE](#)  
[ 6.9 MB ]

### Reviews

*This publication may be really worth a go through, and a lot better than other. It really is written in simple terms and never difficult to understand. Once you begin to read the book, it is extremely difficult to leave it before concluding.*  
-- Natalie Abbott

*This book will not be simple to get going on reading but extremely exciting to read through. Yes, it can be playful, still an interesting and amazing literature. I am very easily could possibly get a delight of reading a written book.*  
-- Rene Olson

## Other Books

---



### [ESV Study Bible, Large Print \(Hardback\)](#)

CROSSWAY BOOKS, United States, 2014. Hardback. Book Condition: New. Large Print. 249 x 178 mm. Language: English . Brand New Book. The ESV Study Bible, Large Print edition transforms the content of the award-winning ESV Study Bible into a highly readable, large-print...

---



### [ESV Study Bible, Large Print](#)

CROSSWAY BOOKS, United States, 2014. Leather / fine binding. Book Condition: New. Large Print. 257 x 190 mm. Language: English . Brand New Book. The ESV Study Bible, Large Print edition transforms the content of the award-winning ESV Study Bible into a...

---



### [Oxford Mini School Dictionary Thesaurus](#)

Oxford University Press, United Kingdom, 2012. Part-work (fasciculo). Book Condition: New. 116 x 84 mm. Language: English . Brand New Book. The Oxford Mini School Dictionary Thesaurus is the ideal one-volume quick reference tool for the school bag. It is the only...

---



### [Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success](#)

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How can inclusive early educators plan and deliver...

---



### [Environments for Outdoor Play: A Practical Guide to Making Space for Children \(New edition\)](#)

SAGE Publications Ltd. Paperback. Book Condition: new. BRAND NEW, Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition), Theresa Casey, 'Theresa's book is full of lots of inspiring, practical, 'how to go about it ideas' coupled with...

---



### [Hope for Autism: 10 Practical Solutions to Everyday Challenges](#)

Seaborough Enterprises Publishing, United States, 2015. Paperback. Book Condition: New. Initial ed.. 203 x 127 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Hope for Autism: 10 Practical Solutions to Everyday Challenges, provides answers to the many questions...