

# **CLINICAL NEUROPSYCHOLOGICAL ASSESSMENT**

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# **Outline of Course**

- **Introduction**
- **Overview of Discipline**
- **Training Issues**
- **Theoretical Issues**
- **Review of Records**
- **Observation**
- **Interview**
- **Testing**

# **Outline of Course continued**

- **Interpretation**
- **Diagnosing**
- **Recommendations**
- **Report Writing**
- **Legal, Ethical, and Economic Issues**
- **Case Studies**
- **Careers: Academic and Applied**
- **Challenges for the Future of Clinical Neuropsychology**

# **Introduction**

- **Your Professor**
- **Purpose of the Course**
- **Approach of the Course**

# Overview of Discipline

- **History**
- **Organizations**
- **Books and Book Publishers**
- **Journals**
- **Internet**
- **Certification Boards**
- **Personnel Issues**
- **Scientific Activities**
- **Professional Activities**

# **Training Issues**

- **Education**
- **Clinical Training**
- **Continuing Education**

# **Theoretical Issues**

- **Models of Brain Functioning**
- **Clinical Vs Actuarial Assessment**
- **Historical & Biopsychological Contexts**

# **Review of Records**

- **Medical**
- **Educational**
- **Legal**
- **Military**



# Observation

- **Behavioral**
- **Neuropsychological**

# Interviewing

## ■ **Types:**

- **Mental Status**
- **Neurobehavioral**

## ■ **Method**

- **Structured**
- **Unstructured**
- **Multiple Interviews**
- **Collateral Interviews**
- **Length**

## ■ **Documentation**

- **Note taking**
- **Documentation**

# Testing

## ■ **Types:**

- **Battery**
- **Flexible**
- **Lurian**

## ■ **Domains**

## ■ **Most Frequently Used Tests Across Domains**

## ■ **Scoring**

- **Quantitative**
- **Qualitative**

## ■ **Malingering**

- **Measurement**
- **Vs. Coping**
- **Interpretation**

# **Domains and Tests of Neuropsychological Functioning**

- **Screening**
- **Orientation**
- **Attention**
- **Communication**
- **Visual-Spatial**
- **Learning and Memory**

# **Domains and Tests of Neuropsychological Functioning - continued**

- **Abstraction**
- **Organizational and Planning/  
Executive Functions**
- **Intellectual**
- **Achievement**
- **Psychopathology**
- **Malingering**

# Interpretation

## ■ Critical Variables

- **Age**
- **Gender**
- **Education**
- **Laterality**
- **Location of Injury**
- **Type of Injury**
- **Resources Available**
- **Secondary Gains**
- **Culture**

# **Interpretation continued**

- **The Process of Synthesis**
  - **Overall Approach**
  - **Significance Levels and Cutoffs**
  - **References / T-scores**
  - **Biopsychological and Historical  
Context**

# Diagnosing

- **DSM Vs ICD**
- **Multiple Diagnosing**
- **Rule out Diagnosing**



# Recommendations

- **Summary**
- **Medical Intervention**
- **Other Types of Treatment**
- **Psychological or  
Neuropsychological  
Treatment**
- **Educational Intervention**
- **Vocational Intervention**
- **Legal Issues**
- **Confounds**

# **Report Writing**

- **Format**
- **Archives**
- **Confidentiality**
- **Copies**
- **Release to Patients**

# **Legal, Ethical, and Economic Issues**

- **Legal**
- **Ethical**
- **Economic**

# Careers in Clinical Neuropsychology

- **Scientific**
- **Clinical**
- **Other**