|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TRAINING AUDIENCE | FUNCTIONAL AREA | PERFORMANCE OBJECTIVE | DoK | INDIVIDUAL TRAINING | REMARKS INDIVIDUAL TRAINING |
| **POL/MIL** | | | | | |
| **IS** | | | | | |
| Members of COMEDS Subordinate WGs and Panels | Standardization | Manage NATO medical standardization. | 100 | **MED-MS-1712 Medical Standardization ADL Course** |  |
| Members of COMEDS Subordinate WGs and Panels | Policy | Develop NATO policies. | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| **IMS** | | | | | |
| Medical Staff | Standardization | Manage NATO medical standardization. | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 100 | **MED-MS-1712 Medical Standardization ADL Course** |  |
| Medical Staff | Policy | Influence NATO policies. | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| Senior leadership | Policy | Influence NATO policies. | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| **STRATEGIC** | | | | | |
| **SHAPE** | | | | | |
| **ACOS JMED/ MEDAD** | Senior Leadership | Manage all information available in order to shape and influence the decision-making process | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
|  |
| **Medical Strategic Concepts and Coordination SSO** | NATO Operations Plans and Policy | Understand and apply NATO Crisis Response Process and Procedures to medical support plans and policy | 300 | **JPL-OP-2683 (JPL-OP-3555) Comprehensive Operations Planning Course (COPC)** |  |
| Strategic Medical Plans and Policy | Supervise and/or Develop Strategic Medical Planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, complettion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| Organize and supervise information based internal medical support related procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| **Staff Officer Medical Strategic Concepts and Policy** | NATO Plans and Policy | Understand NATO internal procedures | 200 | **ETE-IT-2834 NATO Staff Officer Orientation Course** | These courses are not cumulative, complettion of any one course meets the requirement. |
| 200 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |
| Understand and apply NATO Strategic Planning Process within Medical support domain | 300 | **JPL-OP-31378 Strategic Operations Planning Course (SOPC)** |  |
| Understand and apply rules of NATO Resource management | 200 | **FIN-FI-2708 Resource Management Education Programme (RMEP) Course** |  |
| Strategic Medical Plans and Policy | Develop Strategic Medical Planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, complettion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| Synthesize and coordinate information based internal medical support related procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| Military Medical Operations | Understand and apply the principles of Major Medical Incidents management | 200 | **MED-MS-3719 Major Incident Medical Management and Support (MIMMS) Course** | Secondary task |
| **Staff Officer Medical Plans Strategic Engagement** | NATO Operations Plans and Policy | Understand and apply NATO Crisis Response Process and Procedures to medical support plans and policy | 300 | **JPL-OP-2683 (JPL-OP-3555) Comprehensive Operations Planning Course (COPC)** |  |
| Understand NATO internal procedures | 200 | **ETE-IT-2834 NATO Staff Officer Orientation Course** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |
| Understand and apply NATO Strategic Planning Process within Medical support domain | 300 | **JPL-OP-31378 Strategic Operations Planning Course (SOPC)** |  |
| Strategic Medical Plans and Policy | Develop Strategic Medical Planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| Military Medical Operations | Understand and apply the principles of Major Medical Incidents management | 200 | **MED-MS-3719 Major Incident Medical Management and Support (MIMMS) Course** |  |
| **Staff Officer Force Health Protection and CBRN** | CBRN Plans and Policy | Manage the medical part of NATO CBRN operations and exercises | 300 | **WMD-MD-31388 NATO CBRN Defence and Exercise Planning Course** |  |
| Understand and coordinate WMD/CBRN Intel Indicators within Medical support domain | 200 | **WMD-MD-1817 NATO CBRN Defence Orientation Course** |  |
| 200 | **WMD-MS-21767 International Medical Management of Radiation Injuries (I-MED)** |  |
| Strategic Medical Plans and Policy | Contribute to Strategic Medical Planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| FHP | Understand and apply FHP procedures in NATO Ops | 300 | **MED-MS-42191 NATO Health Epidemic Investigation and Management in Deployments (HEIMDAL)** | Step wise approach: Should complete all three courses to fully meet the performance requirement. HEIMDAL and DHSC offered on alternating years. Health Surveillance Reporting (EPINATO) is on ADL platform and can be completed at any time. |
| 300 | **MED-MS-31669 NATO Deployment Health Surveillance Course - Level I (DHSC)** |
| 200 | **MED-MS-32184 NATO Health Surveillance Reporting ADL** |
| 300 | **MED-MS-32122 Public Health Emergency Management Course (PHEMC)** |  |
| Understand and apply the principles of Major Medical Incidents management | 200 | **MED-MS-3719 Major Incident Medical Management and Support (MIMMS) Course** |  |
| **Staff Officer Medical Plans and Training SME** | NATO Operations Plans and Policy | Understand and apply NATO Crisis Response Process and Procedures to medical support plans and policy | 300 | **JPL-OP-2683 (JPL-OP-3555) Comprehensive Operations Planning Course (COPC)** |  |
| Understand NATO internal procedures | 200 | **ETE-IT-2834 NATO Staff Officer Orientation Course** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |
| Organize and supervise Medical support part of NATO Major Joint Exercises | 200 | **ETE-CT-21180 NATO Exercise Planning Course (EPC)** |  |
| Strategic Medical Plans and Policy | Develop Strategic Medical Planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| CBRN Plans and Policy | Manage the medical part of NATO CBRN operations and exercises | 200 | **WMD-MD-31388 NATO CBRN Defence and Exercise Planning Course** |  |
| **Staff Officer Medical Intelligence and Information** | MEDINTEL | Analyze and interpret MEDINTEL | 300 | **MED-MS-3717 NATO Medical Intelligence Course (MEDINTEL)** |  |
| Medical Plans and Policy | Contribute to Strategic Medical Planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| **Staff Officer Plans, Info Mgt and Integration** | NATO Operations Plans and Policy | Understand NATO internal procedures | 200 | **ETE-IT-2834 NATO Staff Officer Orientation Course** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |
| Understand and apply NATO Crisis Response Process and Procedures to medical support plans and policy | 300 | **JPL-OP-2683 (JPL-OP-2683) Comprehensive Operations Planning Course (COPC)** |  |
| Medical Plans and Policy | Develop Strategic Medical Planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
|  | 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
|  | 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| **Staff Officer Medical Plans and CIVMIL SME** | NATO Plans and Policy | Understand NATO internal procedures | 200 | **ETE-IT-2834 NATO Staff Officer Orientation Course** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |
| Understand main principles and contribute to NATO Crisis awareness | 300 | **JIA-IP-3052 (ETE-CM-2553) NATO Crisis Management Course** |  |
| Civ-Mil interaction | Understand the principles and develop/contribute the NATO Medical CIV-MIL plans | 200 | **CMI-CM-2423 NATO Civil-Military Interaction (CIMIC) Orientation Course** |  |
| Medical Plans and Policy | Develop Strategic Medical Planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| NATO Operations Plans and Policy | Understand and apply NATO Crisis Response Process and Procedures to medical support plans and policy | 300 | **JPL-OP-2683 (JPL-OP-3555) Comprehensive Operations Planning Course (COPC)** |  |
| **OPERATIONAL** |  |  |  |  |  |
| **JFC BS/NA** |  |  |  |  |  |
| **ACOS JMED/ MEDAD** | NATO Structure and Policy | Understand NATO structure and main principles | 100 | **ETE-IT-2834 NATO Staff Officer Orientation Course** |  |
| Strategic Medical Plans and Policy | Organize and supervise information based internal medical support related procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| Supervise Operational medical planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
|  | 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
|  | 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
|  | Directs and supervise Medical support to NATO Operations and exercises | 200 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
|  | 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| **Staff Officer MEDOPS** | NATO Structure and Policy | Understand NATO structure and main principles | 100 | **ETE-IT-2834 NATO Staff Officer Orientation Course** | These courses are not cumulative, completion of any one course meets the requirement. |
| 100 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |
| Operational Medical Plans | Organize and supervise information based internal medical support related procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| Perform Operational Medical planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| Civ-Mil interaction | Understand the principles and develop/contribute the NATO Medical CIV-MIL plans | 200 | **CMI-CM-2423 NATO Civil-Military Interaction (CIMIC) Orientation Course** |  |
| Patient Flow Management | PECC | 300 | **MED-MS-3723 NATO Patient Evacuation Coordination Cell (PECC) Course** |  |
| MIMMS | 300 | **MED-MS-3719 Major Incident Medical Management and Support (MIMMS) Course** |  |
| **Staff Officer (Coordination)** | NATO Structure and Policy | Understand NATO structure and main principles | 100 | **ETE-IT-2834 NATO Staff Officer Orientation Course** |  |
| 100 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |  |
| Operational Medical Plans | Organize and supervise internal medical support procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| Contribute to Operational Medical planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| **Staff Officer (Medical Plans)** | NATO Structure and Policy | Understand NATO structure and main principles | 100 | **ETE-IT-2834 NATO Staff Officer Orientation Course** | These courses are not cumulative, completion of any one course meets the requirement. |
| 100 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |
| Operational Medical Plans | Organize and supervise internal medical support procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| Contribute to Operational Medical planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| CBRN Plans and Policy | Manage the medical part of NATO CBRN operations and exercises | 300 | **WMD-MD-31388 NATO CBRN Defence and Exercise Planning Course** |  |
| Understand and coordinate WMD/CBRN Intel Indicators within Medical support domain | 200 | **WMD-MD-1817 NATO CBRN Defence Orientation Course** |  |
| 200 | **WMD-MS-21767 International Medical Management of Radiation Injuries (I-MED)** |  |
| Civ-Mil interaction | Understand the principles and develop/contribute the NATO Medical CIV-MIL plans | 200 | **CMI-CM-2423 NATO Civil-Military Interaction (CIMIC) Orientation Course** |  |
| **Staff Officer (MEDOPS/MedLog)** | NATO Structure and Policy | Understand NATO structure and main principles | 100 | **ETE-IT-2834 NATO Staff Officer Orientation Course** | These courses are not cumulative, completion of any one course meets the requirement. |
| 100 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |
| Operational Medical Plans | Organize and supervise internal medical support procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| Develop Operational Medical planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| Medical Logistics | Understand and apply NATO Logistics procedures in Medical Support planning |  | **LOG-LG-14422 NATO Logistics Introductory Course** |  |
| Resource management | Understand and apply main principles of Military Budget (MB), NATO Security Investment Program (NSIP), and manpower. | 200 | **FIN-FI-2708 Resource Management Education Programme Course RMEP** |  |
| **Staff Officer (Medical Intelligence, Preventive Medicine and CBRN)** | NATO Structure and Policy | Understand NATO structure and main principles | 100 | **ETE-EIT-2834 NATO Staff Officer Orientation Course** | These courses are not cumulative, completion of any one course meets the requirement. |
| 100 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |
| Operational Medical Plans | Organize and supervise internal medical support procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| Develop Operational Medical planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| MI2 | Analyze and interpret MEDINTEL information. | 400 | **MED-MS-3717 NATO Medical Intelligence Course (MEDINTEL)** |  |
| CBRN Plans and Policy | Understand and apply the principles of NATO CBRN Policy to Medical Support Plans | 300 | **WMD-MD-1817 NATO CBRN Defence Orientation Course** |  |
|  | 200 | **WMD-MS-21767 International Medical Management of Radiation Injuries (I-MED)** |  |
| Manage the medical part of NATO CBRN operations and exercises | 300 | **WMD-MD-31388 NATO CBRN Defence and Exercise Planning Course** |  |
| FHP | Understand and apply FHP procedures in NATO Ops | 300 | **MED-MS-42191 NATO Health Epidemic Investigation and Management in Deployments (HEIMDAL)** | Step wise approach: Should complete all three courses to fully meet the performance requirement. HEIMDAL and DHSC offered on alternating years. Health Surveillance Reporting (EPINATO) is on ADL platform and can be completed at any time. |
| 200 | **MED-MS-31669 NATO Deployment Health Surveillance Course - Level I (DHSC)** |
| 300 | **MED-MS-32184 NATO Health Surveillance Reporting** |
|  | 300 | **MED-MS-32122 Public Health Emergency Management Course (PHEMC)** |  |
| **Staff Officer (Medical TREX, policy and Evaluation LL/LI)** | Operational Medical Plans | Organize and supervise internal medical support procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| Develop and Supervise operational medical planning | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| NATO Collective Training | Organize and supervise Medical support part of NATO exercises | 300 | **ETE-EX-3055 NATO Exercise Planning Course** |  |
| NATO LL/LI process | Contribute to operational medical LI/LL process | 100 | **ETE-IT-22081 Lessons Learned Online Course, ADL-138** |  |
| **Staff Assistant (Medical Administration - Coordination/Administration)** | NATO Structure and Policy | Understanding of NATO structures, policies, and operations. | 100 | **ETE-IT-2627 NATO NCO Orientation Course** |  |
| 100 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |  |
| **CC** |  |  |  |  |  |
| **LANDCOM** |  |  |  |  |  |
| **ACOS GMED/ MEDAD** | Operational Medical Plans | Organize and supervise internal medical support procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| Understand and apply the principles of Major Medical Incidents management | 200 | **MED-MS-3719 Major Incident Medical Management and Support (MIMMS) Course** |  |
| MI2 | Analyze and interpret MEDINTEL information. | 400 | **MED-MS-3717 NATO Medical Intelligence Course (MEDINTEL)** |  |
| **Staff Officer Medical Plans and Policy** | Operational Medical Plans | Develop Medical Support Plans to Land Operations | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| Organize and supervise internal medical support procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| NATO Evaluation | Understand and conduct NATO evaluation of LCC Medical Support Plan | 300 | **ETE-EV-3801 ACO Combat Readiness Evaluation Course for Land Forces (CREVAL)** |  |
| NATO Medical Evaluation | Understand principles of Military Medical Units Evaluation process and procedures. | 200 | **MED-MS-2720 NATO Medical Evaluation (MEDEVAL) Course** |  |
| Military Medical Operations | Understand and apply the principles of Major Medical Incidents management | 200 | **MED-MS-3719 Major Incident Medical Management and Support (MIMMS) Course** |  |
| NATO Plans and Policy | Understand and apply NATO COPC procedures to Medical Support Plans | 200 | **JPL-OP-3555 Comprehensive Operations Planning Course (COPC)** |  |
| **Staff Officer MedOps** | NATO C2 structure and Medical Policy | Understand NATO structure and main principles | 100 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |  |
| NATO Evaluation | Understand and conduct NATO evaluation of LCC Medical Support Plan | 200 | **ETE-EV-3801 ACO Combat Readiness Evaluation Course for Land Forces (CREVAL)** |  |
| NATO Joint operations management | Execute NATO Joint Operations within Medical support domain | 200 | **JPL-OP-3555 Comprehensive Operations Planning Course (COPC)** |  |
| Medical Support planning in Land Operations | Develop Medical Support Plans to Land Operations | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| Medical Plans and Policy | Manage and/or supervise Patient flow process in NATO led Operations and Exercises | 300 | **MED-MS-3723 NATO Patient Evacuation Coordination Cell (PECC) Course** |  |
| Military Medical Operations | Understand and apply the principles of Major Medical Incidents management | 300 | **MED-MS-3719 Major Incident Medical Management and Support (MIMMS) Course** |  |
| NATO Medical Evaluation | Understand principles of Military Medical Units Evaluation process and procedures. | 300 | **MED-MS-2720 NATO Medical Evaluation (MEDEVAL) Course** |  |
| **Staff Officer Preventive Medicine** | M2I | Analyze and interpret MEDINTEL information. | 300 | **MED-MS-3717 NATO Medical Intelligence Course (MEDINTEL)** |  |
| Medical Support planning in Land Operations | Develop Medical Support Plans to Land Operations | 200 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| NATO Evaluation | Understand and conduct NATO evaluation of LCC Medical Support Plan | 300 | **ETE-EV-3801 ACO Combat Readiness Evaluation Course for Land Forces (CREVAL)** |  |
| NATO C2 structure and Medical Policy | Understand NATO structure and main principles | 100 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** | These courses are not cumulative, completion of any one course meets the requirement. |
|  | 100 | **ETE-IT-2834 NATO Staff Officer Orientation Course** |
| NATO Medical Evaluation | Understand principles of Military Medical Units Evaluation process and procedures. | 300 | **MED-MS-2720 NATO Medical Evaluation (MEDEVAL) Course** |  |
| Force Health Protection | Understand the principles of Health Surveillance, manage the specific information and analyze FHP risks. | 300 | **MED-MS-31669 NATO Deployment Health Surveillance Course - Level I (DHSC)** | The ADL course "MED-MS-32184 NATO Health Surveillance Reporting" as the prerequisite |
| 300 | **MED-MS-32184 NATO Health Surveillance Reporting ADL** |
| 200 | **MED-MS-32122 Public Health Emergency Management Course (PHEMC)** |  |
| **MARCOM** |  |  |  |  |  |
| **ACOS NMED/ MEDAD** | NATO Maritime Medical Plans | Understand NATO Medical Support within the Maritime domain. | 300 | **MED-MS-31391 NATO Maritime Medical Staff Course (MARMEDS)** |  |
| MEDINTEL | Analyze and interpret MEDINTEL information. | 400 | **MED-MS-3717 NATO Medical Intelligence Course (MEDINTEL)** |  |
| Medical Logistics | Understand and apply NATO Logistics procedures in Medical Support planning | 200 | **LOG-LG-14422 NATO Logistics Introductory Course** |  |
| Resource management | Understand and apply main principles of Military Budget (MB), NATO Security Investment Program (NSIP), and manpower. | 200 | **FIN-FI-2708 Resource Management Education Programme Course RMEP** |  |
| Operational Medical planning | Develop and Supervise Medical Support Plans to NATO Operations | 300 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| **Staff Officer (MedOps and FHP)** | MEDINTEL | Analyze and interpret MEDINTEL information. | 400 | **MED-MS-3717 NATO Medical Intelligence Course (MEDINTEL)** |  |
| NATO Maritime Medical Plans | Understand NATO Medical Support within the Maritime domain. | 300 | **MED-MS-31391 NATO Maritime Medical Staff Course (MARMEDS)** |  |
| Understand NATO internal procedures | 100 | **ETE-IT-2834 NATO Staff Officer Orientation Course** | These courses are not cumulative, completion of any one course meets the requirement. |
| 100 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |
| Medical support planning in Maritime Operations | Develop Medical Support Plans to NATO Operations | 300 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| Force Health Protection | Understand the principles of Health Surveillance, manage the specific information and analyze FHP risks. | 300 | **MED-MS-31669 NATO Deployment Health Surveillance Course - Level I (DHSC)** | The ADL course "MED-MS-32184 NATO Health Surveillance Reporting" as the prerequisite |
| 300 | **MED-MS-32184 NATO Health Surveillance Reporting** |
| 300 | **MED-MS-32122 Public Health Emergency Management Course (PHEMC)** |  |
| **Staff Officer (Medical Plan and Medical interaction)** | NATO Plans and Policy | Understand NATO internal procedures | 200 | **ETE-IT-2834 NATO Staff Officer Orientation Course** | These courses are not cumulative, completion of any one course meets the requirement. |
|  | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |
| Medical support planning in Maritime Operations | Develop Medical Support Plans to NATO Operations | 300 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| NATO Maritime Medical Plans | Understand NATO Medical Support within the Maritime domain. | 300 | **MED-MS-31391 NATO Maritime Medical Staff Course (MARMEDS)** |  |
| **AIRCOM** |  |  |  |  |  |
| **MEDAD** | NATO Plans and Policy | Understand NATO internal procedures | 200 | **ETE-IT-2834 NATO Staff Officer Orientation Course** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-22111 NATO Medical Staff Introduction Course (NMSIC)** |
| NATO Exercise Planning Process | Organize and supervise Medical support part of NATO exercises | 300 | **ETE-EX-3055 NATO Exercise Planning Course** |  |
| NATO Operations Plans and Policy | Understand and apply NATO Crisis Response Process and Procedures to medical support plans and policy | 400 | **JPL-OP-3555 Comprehensive Operations Planning Course (COPC)** |  |
| Operational Medical Plans | Organize and supervise internal medical support procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| MEDINTEL | Analyze and interpret MEDINTEL information. | 400 | **MED-MS-3717 NATO Medical Intelligence Course (MEDINTEL)** |  |
| Operational Medical planning | Develop Medical Support Plans to NATO Operations | 300 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| Military Medical Operations | Understand and apply the principles of Major Medical Incidents management | 200 | **MED-MS-3719 Major Incident Medical Management and Support (MIMMS) Course** |  |
| CBRN Plans and Policy | Understand and apply the principles of NATO CBRN Policy to Medical Support Plans | 200 | **WMD-MD-1817 NATO CBRN Defence Orientation Course** |  |
|  | 200 | **WMD-MS-21767 International Medical Management of Radiation Injuries (I-MED)** |  |
|  | NATO Exercise Planning Process | Organize and supervise Medical support part of NATO exercises | 300 | **ETE-EX-3055 NATO Exercise Planning Course** |  |
| NATO Operations Plans and Policy | Understand and apply NATO Crisis Response Process and Procedures to medical support plans and policy | 400 | **JPL-OP-3555 Comprehensive Operations Planning Course (COPC)** |  |
| Operational Medical Plans | Organize and supervise information based internal medical support related procedures within NATO | 300 | **MED-MS-21498 NATO Senior Medical Staff Officer Course (SMSOC)** |  |
| 200 | **MED-MS-XXXXX Joint Medical Senior Leadership Course (JMSLC)** | Course alternative to SMSOC for those not located in Europe |
| MEDINTEL | Analyze and interpret MEDINTEL information. | 400 | **MED-MS-3717 NATO Medical Intelligence Course (MEDINTEL)** |  |
| Medical support planning in Air Operations | Develop Medical Support Plans to NATO Operations | 300 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| Military Medical Operations | Understand and apply the principles of Major Medical Incidents management | 200 | **MED-MS-3719 Major Incident Medical Management and Support (MIMMS) Course** |  |
| CBRN Plans and Policy | Understand and apply the principles of NATO CBRN Policy to Medical Support Plans | 200 | **WMD-MD-1817 NATO CBRN Defence Orientation Course** |  |
|  | 200 | **WMD-MS-21767 International Medical Management of Radiation Injuries (I-MED)** |  |
| **Staff Assistant MEDOPS/PECC** | NATO Exercise Planning Process | Organize and supervise Medical support part of NATO exercises | 300 | **ETE-EX-3055 NATO Exercise Planning Course** |  |
| NATO Operations Plans and Policy | Understand and apply NATO Crisis Response Process and Procedures to medical support plans and policy | 400 | **JPL-OP-3555 Comprehensive Operations Planning Course (COPC)** |  |
| MEDINTEL | Analyze and interpret MEDINTEL information. | 400 | **MED-MS-3717 NATO Medical Intelligence Course (MEDINTEL)** |  |
| Medical support planning in NATO Operations | Develop Medical Support Plans to NATO Air Operations | 300 | **MED-MS-3682 NATO Joint Medical Planners Course (JMPC)** | These courses are not cumulative, completion of any one course meets the requirement. |
| 200 | **MED-MS-35504 Joint Medical Planning - Basic** |
| 200 | **MED-MS-32116 Joint Medical Operations Course - Basic (JMOC-B)** |
| NATO NCO Professional Development | Apply intermediate leadership skills within NATO's multinational environment | 200 | **ETE-IT-3567 NATO NCO Intermediate Leadership in a Multinational Environment** |  |
| Medical Plans and Policy | Manage and/or supervise Patient flow process in NATO led Operations and Exercises | 400 | **MED-MS-3723 NATO Patient Evacuation Coordination Cell (PECC) Course** |  |
| **Force Protection Officer** | Force Health Protection | Understand the principles of Health Surveillance, manage the specific information and analyze FHP risks. | 300 | **MED-MS-31669 NATO Deployment Health Surveillance Course - Level I (DHSC)** | The ADL course "MED-MS-32184 NATO Health Surveillance Reporting" as the prerequisite |
| 300 | **MED-MS-32184 NATO Health Surveillance Reporting ADL** |
| 300 | **MED-MS-32122 Public Health Emergency Management Course (PHEMC)** |  |
| **JALCC** |  |  |  |  |  |
| **JWC** |  |  |  |  |  |
| **JFTC** |  |  |  |  |  |
|  |  |  |  |  |  |
| **Mission Tailored Training** |  |  |  |  |  |
| SOF - NSHQ |  |  |  | **SOF-SO-31922 NATO Special Operations Medical Leaders Course** | All SOF MED Courses managed by NSHQ |
|  |  |  |  | **SOF-SO-31923 NATO SOF Medical Engagement and Partnering Course** |  |
|  |  |  |  | **SOF-SO-31926 NATO SOF Advanced Special Operations Medical Leaders Course** |  |
|  |  |  |  | **SOF-SO-31927 NATO SOF Combat Medical Simulation Course and TCCC Train the Trainer Course** |  |
| Surgical - MILMED COE |  |  |  | **MED-MS-1718 Emergency Management of Battlefield Injuries (EMBI) Course** |  |
|  |  |  |  | **MED-MS-2721 NATO Emergency Multinational Medical Team (EMMT) Training** |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |