

Cynthia Brown

Systems Engineer Manager - Lockheed Martin

Bensalem, PA - Email me on Indeed: [indeed.com/r/Cynthia-Brown/ccf0e6d21654b525](https://www.indeed.com/r/Cynthia-Brown/ccf0e6d21654b525)

Authorized to work in the US for any employer

WORK EXPERIENCE

Systems Engineer Manager

Lockheed Martin - Orlando, FL - January 2015 to Present

Active Top Secret Security Clearance

- Technical systems engineering (SE) Lead for the JSF F-35 web-based Training Management System (TMS) new development program (68 employees) and SE functional manager.
- Wrote program management plan and systems engineering management plan in accordance with the statement of work (SOW).
- Introduced and implemented model based systems engineering (MBSE) and Agile Methodology.
- Developed integrated master schedule (IMS) using Microsoft Project and expanded Work Breakdown Structure (WBS) based on an integrated product team (IPT) organizational structure.
- Maintained earned value management (EVM): reported percent complete weekly, updated estimate to complete (ETC), estimate at complete (EAC) and forecast dates monthly, wrote variance reports and mitigation plans and reported program status.
- Completed monthly sprint planning in accordance with IMS. Used VersionOne tool for capturing Epics, Stories and Tasks. Tracked program metrics.
- Conducted weekly reviews of system requirements and program status with the Joint Program Office (JPO), USAF, USN, USMC and Partner Countries pilots and maintainer user community.
- Managed development of plans, specifications, and interface control documents (ICDs), system/subsystem design document (SSDD), RVTM and test procedures to ensure schedule, cost, technical and programmatic requirements were achieved and changes correctly incorporated.
- Conducted internal and external contract kick-off meetings, program System Requirements Review (SRR), Preliminary Design Review (PDR), Critical Design Review (CDR), and Technical Interchange Meetings (TIMs).
- Personally staffed the SE team for the TMS program. Assisted with hiring software engineers, information and quality assurance (QA), and production team. Hired 45 engineers in four months.
- Completed performance counseling, assessments, reviews and appraisals for 25 direct reports.
- Created career development plans with mentees and direct staff, which included short and long term goals and positions within LM that would give them opportunities to meet their goals.

EDUCATION

MSE in Aerospace Engineering

The University of Alabama in Huntsville - Huntsville, AL

BSE in Mechanical Engineering

The University of Alabama in Huntsville - Huntsville, AL

PhD in Aerospace Engineering

The Georgia Institute of Technology

SKILLS

Cost Accounting (3 years), DOORS (6 years), Project Management (3 years), Requirements Analysis (8 years), Testing