POSITION DESCRIPTION

Lecturer in Explosive Ordnance

Position Level  | Level B
Faculty/Division | UNSW Canberra (ADFA)
School | School of Engineering and IT
Position Number | 00104671
Original Document creation | 24/03/ 2022

Position Summary

The Lecturer in Explosive Ordnance Position is located within the School of Engineering and Information Technology (SEIT). The Position will enhance and increase the School’s capacity for research, teaching and higher degree research supervision. The Position will also be expected to contribute to the School’s teaching program through course delivery and course development and assist a range of other administrative duties related to teaching quality. The Position will contribute to the strategic vision and to the research performance of the School and UNSW Canberra more broadly. The Lecturer position will also be expected to develop linkages with researchers from other Schools within UNSW Canberra and with the broader scholarly and practitioner communities.

The successful candidate may develop an education focused, or balanced (research and education) workload. The blend of activities may change over time with the support of the Head of School.

This position reports to SEIT Head of School.

Accountabilities

Specific accountabilities for this role include:

Demonstrate Academic Excellence by:
- Increasing and expanding the research and knowledge exchange profiles of SEIT to complement SEIT’s existing strengths.
- Enhancing teaching in the undergraduate and postgraduate programs of the School in a team-teaching environment under the School’s Quality Teaching Framework through course and program delivery, development and innovation.
- Mentoring, supervising and providing advice to higher degree research and honours students.

Support UNSW’s commitment to Social Engagement by:
- Seeking to share knowledge through traditional academic pathways and non-traditional societal partnerships.
Helping the Faculty to develop the next generation of students through initiatives to support local outreach.

Provide Global Impact through:
- A broad collaboration and communication network that reaches industry and academia the world over.
- Innovative plans to help UNSW move into the future and expand its reach beyond traditional stakeholders.

Commit to a healthy, sustainable, and supportive workplace by:
- Engaging in School, Faculty and University functions and activities such as forums, workshops, and social events.
- Contributing to university committees and participating in professional activity.
- Strengthening our programs for a safe working environment, by ensuring hazards and risks are identified and controlled for tasks, projects and activities that pose a health and safety risk within your area of responsibility.
- Align with and actively demonstrate the UNSW Values in Action: Our Behaviours and the UNSW Code of Conduct.
- Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health & safety of yourself or others.

Skills and Experience
- A PhD in a discipline that complements the breadth of expertise of the School and related to Explosive Ordnance (EO) concepts. Or, for education focused, advanced qualifications and/or recognised significant experience in the relevant discipline area.
- Able to develop teaching material and teach into any of the following subject areas: EO Design and Systems, EO Effects, EO Testing and Evaluation, and Rocket Motors, Propellants, and Pyrotechnics.
- Experience in academia appropriate to the Lecturer grade with the ability act as a course coordinator, supervise honours and postgraduate students, conduct scholarly research and engage in professional activity. Or equivalent experience in industry.
- Demonstrated ability to align research and education interests to meet current School and/or Centre priorities
- A demonstrated ability to enhance the University’s Academic Excellence through teaching, research, and knowledge exchange.
- A demonstrated ability to work positively and cooperatively in a teaching and research-intensive environment.
- Ability and capacity to implement required UNSW health and safety policies and procedures.
- Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

Pre-Employment checks required for this position
- Verification of Qualifications
- Criminal History Check
- Identification Check

About this document
This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.
This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.
POSITION DESCRIPTION

Senior Lecturer in Explosive Ordnance

Position Level  | Level C
Faculty/Division | UNSW Canberra (ADFA)
School | School of Engineering and IT
Position Number | 00104671
Original Document creation | 24/03/2022

Position Summary

The Senior Lecturer in Explosive Ordnance Position is located within the School of Engineering and Information Technology (SEIT). The Position will enhance and increase the School’s capacity for research, teaching and higher degree research supervision. The Position will also be expected to contribute to the School’s teaching program through course delivery and course development and assist a range of other administrative duties related to teaching quality.

The Position will contribute to the strategic vision and to the research performance of the School and UNSW Canberra more broadly. The Senior Lecturer position will also be expected to develop linkages with researchers from other Schools within UNSW Canberra and with the broader scholarly and practitioner communities.

The successful candidate may develop an education focused, or balanced (research and education) workload. The blend of activities may change over time with the support of the Head of School.

This position reports to SEIT Head of School.

Accountabilities

Specific accountabilities for this role include:

Demonstrate Academic Excellence by:

- Increasing and expanding the research and knowledge exchange profiles of SEIT to complement SEIT’s existing strengths.
- Enhancing teaching in the undergraduate and postgraduate programs of the School in a team-teaching environment under the School’s Quality Teaching Framework through course and program delivery, development and innovation.
- Mentoring, supervising and providing advice to higher degree research and honours students.
Support UNSW’s commitment to Social Engagement by:
- Seeking to share knowledge through traditional academic pathways and non-traditional societal partnerships.
- Helping the Faculty to develop the next generation of students through initiatives to support local outreach.

Provide Global Impact through:
- A broad collaboration and communication network that reaches industry and academia the world over.
- Innovative plans to help UNSW move into the future and expand its reach beyond traditional stakeholders.

Commit to a healthy, sustainable, and supportive workplace by:
- Engaging in School, Faculty and University functions and activities such as forums, workshops, and social events.
- Contributing to university committees and participating in professional activity.
- Strengthening our programs for a safe working environment, by ensuring hazards and risks are identified and controlled for tasks, projects and activities that pose a health and safety risk within your area of responsibility.
- Align with and actively demonstrate the UNSW Values in Action: Our Behaviours and the UNSW Code of Conduct.
- Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health & safety of yourself or others.

At Academic Level C, position holders are expected to undertake the above duties with a high degree of responsibility and autonomy.

Skills and Experience
- A PhD in a discipline that complements the breadth of expertise of the School and related to Explosive Ordnance (EO) concepts. Or, for education focused, advanced qualifications and/or recognised significant experience in the relevant discipline area.
- Able to develop teaching material and teach into any of the following subject areas: EO Design and Systems, EO Effects, EO Testing and Evaluation, and Rocket Motors, Propellants, and Pyrotechnics.
- Experience in academia appropriate to the Senior Lecturer grade with significant experience in course coordination and development of course material, honours and postgraduate research supervision, research conduct, and where appropriate, leadership of a research team. Or equivalent experience in industry.
- Demonstrated ability to align research and education interests to meet current School and/or Centre priorities.
- A demonstrated ability to enhance the University’s Academic Excellence through teaching, research, and knowledge exchange.
- A demonstrated ability to work positively and cooperatively in a teaching and research-intensive environment.
- Ability and capacity to implement required UNSW health and safety policies and procedures.
- Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

Pre-Employment checks required for this position
- Verification of Qualifications
- Criminal History Check
• Identification Check

About this document
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