Aston University

PROGRAMME SPECIFICATION
(2012-13)

Programme Title	Transport Management
UCAS/JACS Code	N921
School/Subject Area	Engineering & Applied Science/Engineering Systems and Management
Final Award	BCs
Interim Awards	Certificate of Higher Education; Diploma of Higher Education.
Mode(s) of Study	Full Time with optional placement year
Normal Length of Program	3 Years or 4 Years with placement year
Total Credits	360 or 480 with placement year
Programme Accredited By	Chartered Institute of Logistics and Transport (CILT)
Dates Program Specification Written and Revised	May and November 2006, August 2007, September 2008, September 2009 September 2010 September 2011

Education Aims of the Programme	1. To provide students with the opportunities to realise their academic potential through appropriately conceived learning experiences. 2. To develop an understanding of the physical and economic processes involved with the movement of people and goods involving all modes of transport. 3. To provide students with appropriately structured curricula, combining teaching in theoretical and knowledge based principles with practical training skills. 4. To ensure that development and modification of the programme prepares graduates able to respond appropriately to the rapidly changing industrial environment. 5. To produce graduates with the specific academic and professional skills that are in demand by employers in UK and international business. 6. To produce graduates with the generic transferable skills to enable them to make a valuable contribution to business and society. 7. To offer students the opportunity to obtain relevant industrial experience by providing the option of a sandwich year. 8. To introduce the students to the principles of the research process and their relevance to modern methods of management within the contexts of transport and the supply chain. 9. To maintain professional accreditation by the Chartered Institute of Logistics and Transport. 10. To create an awareness of self development as a component of education and to develop the skills and attributes of lifelong learning. 11. To ensure that entry qualifications are the highest possible consistent with the applicant pools in the UK, EU and international markets. 12. To facilitate wider participation.
Relevent Subject Benchmark Statements and other External and Internal Reference Points used to inform programme outcomes	No specific QAA benchmark statements relevant to this Programme exist, however, benchmark statements in the areas of Geography, General Business and Management and Travel, Tourism and Leisure have been consulted. Cognisance has been taken of the Framework for HE Qualifications. All modules already exist and conform to current university requirements. Accreditation has been awarded by the Chartered Institute of Logistics and Transport.

Programme Structures and Requirements: Levels, Modules and Credits Stage 1				
Module Title	**Credits**	**Level**	**Module Code**	**Core**
Study Skills	30	4	EC110A	YES
Introduction to Logistics	10	4	LT1301	YES
Planning and Controlling Logistics	10	4	LT1302	YES
Law	10	4	LT1305	YES
Principles of Economics	10	4	LT1307	YES
Financial Accounting	10	4	LT1308	YES
Literature Review Project	10	4	LT1312	YES
Marketing Goods and Services	20	4	LT1313	YES
Introduction to Business Management	10	4	SE1500	YES
TOTAL	120			

Programme Structures and Requirements: Levels, Modules and Credits Stage 2				
Module Title	**Credits**	**Level**	**Module Code**	**Core**
Environmental Management and Audit	10	5	HE208e	YES
Transport Planning Systems	10	5	LT2201	YES
Environmental Economics	10	5	LT2202	YES
Project Management	10	5	LT2306	YES
Operational Research 1	10	5	LT2307	YES
Management Accounting	10	5	LT2308	YES
European Transport	10	5	LT2310	YES
Maritime Transport	10	5	LT2311	YES
Database Management	10	5	LT2312	YES
Multimodal Transport Management	20	5	LT2314	YES
Implementing Transport Policy	10	5	LT3402	YES
TOTAL	120			

Programme Structures and Requirements: Levels, Modules and Credits Stage P				
Module Title	**Credits**	**Level**	**Module Code**	**Core**
Logistics Placement Module	120	P	LTP001	YES
TOTAL	120			

Programme Structures and Requirements: Levels, Modules and Credits **Stage F**				
Module Title	**Credits**	**Level**	**Module Code**	**Core**
Final Year Research Project	30	6	EC310a	YES
Passenger Service Provision	10	6	LT3201	YES
Traffic and Transport Engineering	10	6	LT3204	YES
Human Resource Management	10	6	LT3306	YES
Operational Research II	10	6	LT3307	YES
International Trade Law	10	6	LT3315	YES
Introduction to GIS	10	6	LT3318	YES
Air Transport	10	6	LT3319	YES
Contemporary Issues in Supply Chains	10	6	LT3320	YES
Transport Impact Assessment	10	6	LT3401	YES
TOTAL	120			

Programme Outcomes, Learning and Teaching and Assessment Strategies			
Knowledge and Understanding			
	On successful completion of their programme students, are expected to have knowledge and understanding of:	**Learning, Teaching and Assessment Strategies to enable outcomes to be achieved and demonstrated**	
		Learning and Teaching Methods	**Assessment Methods**
1	General management and business concepts.	A mixture of formal lectures, tutorial classes, practical exercises, computer laboratory classes, independent and group work associated with taught and project modules, independent study. For sandwich students, an agreed programme of professional experience and training.	Unseen (open and closed book) written examinations and class tests, written continuous assessment (in the form of essays, project reports, practical reports, analysis of data, output from computer software with critical analysis), supervisor assessed project work, vivas and presentations, peer review.
2	The specific concepts, tools and techniques required by the professional context.		
3	The external environment within which business operates.		
4	Data acquisition and analysis, the models tools and techniques and analytical methods used in Transport Management.		

Intellectual Skills			
	On successful completion of their programme students, are expected to have knowledge and understanding of:	**Learning, Teaching and Assessment Strategies to enable outcomes to be achieved and demonstrated**	
		Learning and Teaching Methods	**Assessment Methods**
1	Analyse the requirements of a problem and select the appropriate methodology to apply to and solve that problem.	Primarily through, tutorial classes, practical exercises, computer laboratory classes, independent and group work associated with taught and project modules.	Unseen (open and closed book) written examinations and class tests, written continuous assessment (in the form of essays, project reports, practical reports, analysis of data, output from computer software with critical analysis), supervisor assessed project work, vivas and presentations, peer review.
2	Integrate and apply knowledge and methods from a variety of sources.		
3	Plan, conduct, evaluate and report on a programme of work.		

Professional Skills			
	On successful completion of their programme students, are expected to have knowledge and understanding of:	**Learning, Teaching and Assessment Strategies to enable outcomes to be achieved and demonstrated**	
		Learning and Teaching Methods	**Assessment Methods**
1	Apply the tools and techniques gained in Section A.	Professional skills are developed as an integral part of formal lectures, tutorial classes, practical work and projects.	Unseen (open and closed book) written examinations and class tests, written continuous assessment (in the form of essays, project reports, practical reports, analysis of data, output from computer software with critical analysis, dissertation), supervisor assessed project work, vivas and presentations, peer review. Many of these skills are assessed indirectly via other learning outcomes. Placement students submit two reports on the Placement experience, one of which is in the form of a reflective diary, and the other of which documents a project that has been successfully undertaken during the Placement.
2	Sandwich students only - the relevance of Transport Management and the environment within which it operates to the world of work.		

Transferable Skills			
	On successful completion of their programme students, are expected to have knowledge and understanding of:	**Learning, Teaching and Assessment Strategies to enable outcomes to be achieved and demonstrated**	
		Learning and Teaching Methods	**Assessment Methods**
1	The ability to communicate effectively both in writing, orally, and graphically.	Skills are developed through integration within formal lectures, tutorial classes, practical work and projects. For the sandwich students, an agreed programme of professional experience and training	Unseen (open and closed book) written examinations and class tests, written continuous assessment (in the form of essays, project reports, practical reports, analysis of data, output from computer software with critical analysis, dissertation), supervisor assessed project work, vivas and presentations, peer review. Many of these skills are assessed indirectly via other learning outcomes.
2	Team working skills.		
3	Problem solving skills.		
4	Study skills.		
5	ICT skills.		
6	Time management skills.		
7	Time management skills.		

Entry Requirements	The general entry requirements of the programmes are stated within the University General Regulations for Undergraduate Programmes. Application from mature students and applicants offering alternative qualifications, as approved by the Schools Associate Dean Undergraduate Programmes, will be considered on merit. Students already reading another degree programme at Aston University may be allowed to transfer to this programme, with the agreement of the Schools Associate Dean Undergraduate Programmes.
Programme Regulations	<u>Attendance requirements</u> Students are normally required to attend the University for three stages. In order to qualify for the award of the degree a student must have attended the required proportion of tutorials, seminars, practical classes and lectures specified by the Head of School. <u>Assessment</u> *Honours degree* Assessments at Stages One and Two: Assessments for stages one and two of the Honours Degree will be held at specified times before the final stage of the programme and will comprise the Stage I and Stage II modules set out above. Sandwich students are required to undertake an appropriate programme of integrated industrial training of at least 44 weeks duration during the programme at such times as approved by the Head of School. Each sandwich student is required to submit satisfactory reports of the work carried out during the placement stage. This work will be assessed as one module, worth 120 credits at level P. Final Assessment: The Honours Degree final assessment will comprise the Stage III modules set out above. *Award of degree* In calculating the overall mark in the final stage of the programme, 15% of the total marks shall be based on the overall performance in Stage II of the programme, 10% of the total marks shall be based on the performance at Stage P (if on Sandwich Degree) and 75% of the total marks shall be based on the overall performance in Stage III of the programme.

This specification provides a concise summary of the main features of the programme and the threshold learning outcomes that a student might normally be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. **The individual modules included in the programme may differ from those included in this programme specification as our programmes are subject to continuous review**. Information on admissions requirements and career opportunities is available in the relevant prospectus. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of each module can be found in the appropriate module guides and programme handbook(s) which are available to students on enrolment.